

Service
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Service Manual

Horizontal Frequency

55.5-70.6 kHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

Revision List

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics, may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
 - Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
 - Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
 - Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
 - Make certain that treatment person's body is grounded through wristband.
 - Do not leave the module in high temperature and in areas of high humidity for a long time.
 - Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)**

1. Monitor Specification

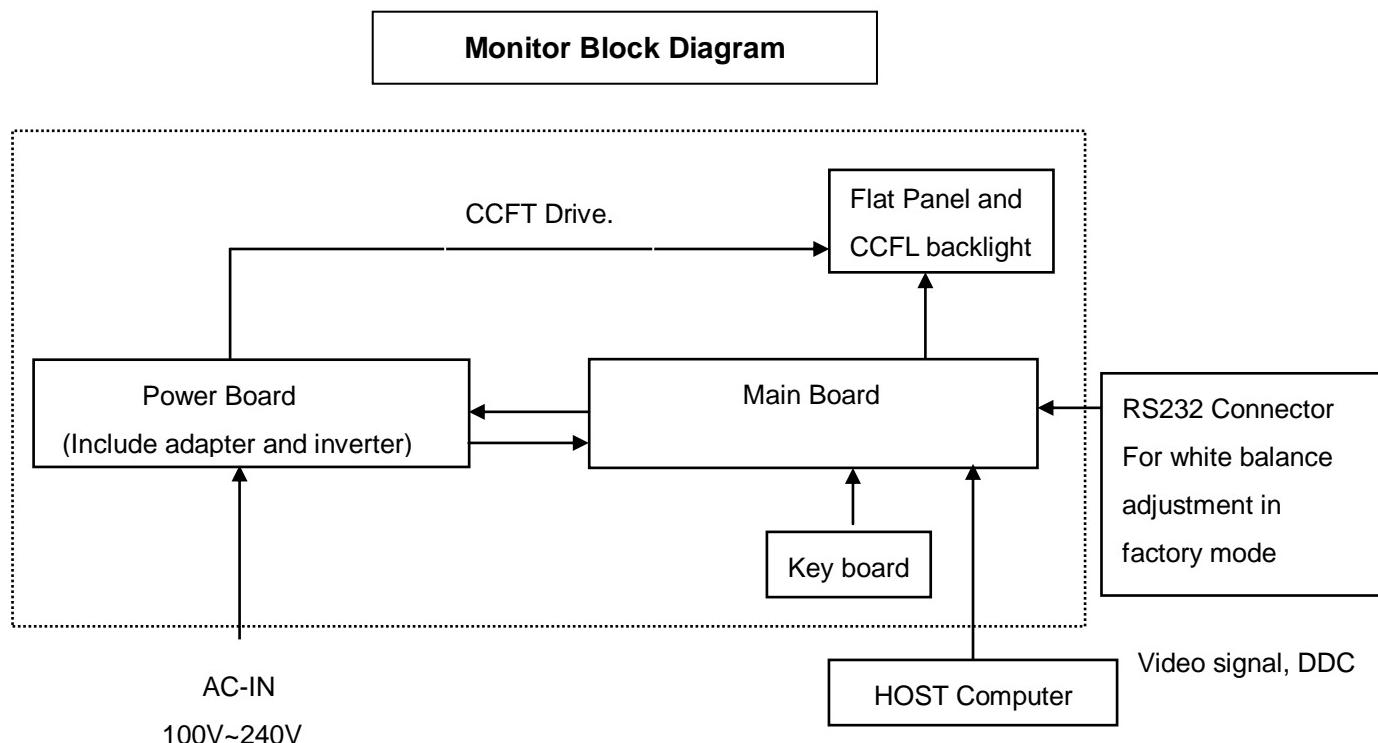
LCD Panel	Model number	717Fwy
	Driving system	TFT Color LCD
	Viewable Image Size	432mm diagonal
	Pixel pitch	0.255mm(H) x 0.255mm(V)
	Video	R, G, B Analog interface
	Separate Sync.	H/V TTL
	Display Color	16.2M Colors
	Dot Clock	53.25 MHz
Resolution	Horizontal scan range	55.5 kHz - 70.6 kHz
	Horizontal scan Size(Maximum)	367.2mm
	Vertical scan range	56 Hz - 75 Hz
	Vertical scan Size(Maximum)	229.5mm
	Optimal preset resolution	1440 x 900 (60 Hz)
	Highest preset resolution	1440 x 900 (75 Hz)
	Plug & Play	VESA DDC2B/CI
	Input Connector	D-Sub 15pin
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, Positive
	Power Source	100~240VAC, 50/60Hz
	Power Consumption	Active < 37 W
		Standby < 1 W
Physical Characteristics	Speakers	2 x 1W
	Connector Type	15-pin Mini D-Sub
	Signal Cable Type	Detachable
	Dimensions & Weight:	
	Height (with base)	337.5 mm
	Width	400.3 mm
	Depth	209.9 mm
	Weight (monitor only)	3.2 kg
Environmental	Weight (with packaging)	4.2kg
	Temperature:	
	Operating	0° to 50°
	Non-Operating	-20°to 60°
	Humidity:	

	Operating	10% to 85% (non-condensing)
	Non-Operating	5% to 80% (non-condensing)
	Altitude:	
	Operating	0~ 3000m (0~ 10000 ft)
	Non-Operating	0~ 5000m (0~ 15000 ft)

2. LCD Monitor Description

The LCD Monitor will contain main board, power board, key board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.



3. Operation Instructions

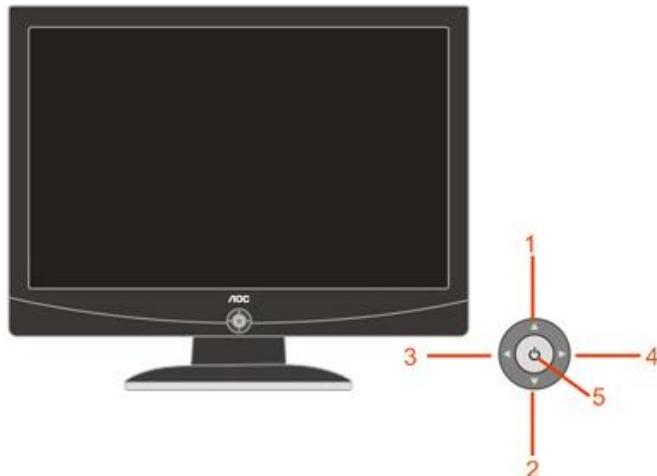
3.1 General Instructions

Press the power button to turn the monitor on or off. The control buttons are located at front panel of the monitor.

By changing these settings, the picture can be adjusted to your personal preferences.

- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 Control Buttons



1 Eco mode / Up

2 Auto / Down

3 Volume / Left

4 DCR / Right

5 Menu / Power

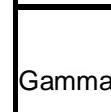
3.3 Adjusting the Picture

OSD Settings

- Press the Menu (Power) button to activate the OSD window. Press left, right, up, down button to navigate through the functions. Once the desired function is highlighted, press the Menu (Power) button to activate sub-menu.
- In sub-menu, Press up, down button to navigate through the functions. Once the desired function is highlighted, press **◀**, **▶** button to change the setting. Press Menu (Power) button to return to superior menu.
- If you want to adjust any other function, repeat steps 1-2.
- To exit OSD windows, select “exit” icon on main OSD, then press the Menu (Power) button.
- OSD Lock Function: To lock the OSD, press and hold the Left button while the monitor is off and then press power button to turn the monitor on. To un-lock the OSD - press and hold the Left button while the monitor is off and then press power button to turn the monitor on.
- Eco Mode hot key (**▲**): Press the Eco key continuously to select the Eco mode of brightness when there is no OSD (Eco mode hot key may not be available in all models).
- Volume adjustment hot key: When there is no OSD, press Volume (**◀**) to active volume adjustment bar, press **▶** or **◀** to adjust volume (Only for the models with speakers).
- DCR hot key (**▶**): Press DCR key continuously to active or disable DCR function when there is no OSD.
- Auto configure hot key: When the OSD is closed, press Auto/Source button continuously about 3 second to do auto configure.
- Press the Power button continuously about 2 second to turn off the monitor.



OSD functions

	Luminance	Adjust Range	Description
	Brightness	0-100	Backlight Adjustment
	Contrast	0-100	Contrast from Digital-register.
	Standard		Standard Mode
	Text		Text Mode
	Internet		Internet Mode
	Game		Game Mode
	Movie		Movie Mode
	Sports		Sports Mode
	Gamma1		Adjust to Gamma1
	Gamma2		Adjust to Gamma 2
	Gamma3		Adjust to Gamma 3
	Off		Disable dynamic contrast ratio
	On		Enable dynamic contrast ratio
	Image Setup		
	Clock	0-100	Adjust picture Clock to reduce Vertical-Line noise.
	Phase	0-100	Adjust Picture Phase to reduce Horizontal-Line noise
	H. Position	0-100	Adjust the horizontal position of the

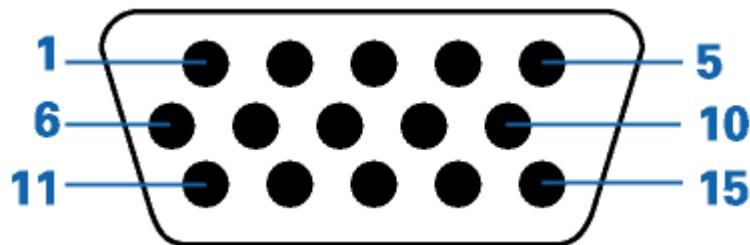
			picture.
	V. Position	0-100	Adjust the vertical position of the picture.
	Color Temp.		
	Warm	6500K	Recall Warm Color Temperature from EEPROM.
	Normal	7300K	Recall Normal Color Temperature from EEPROM.
	Cool	9300K	Recall Cool Color Temperature from EEPROM.
	sRGB		Recall sRGB Color Temperature from EEPROM.
	User	Red	Red Gain from Digital-register
		Green	Green Gain Digital-register.
		Blue	Blue Gain from Digital-register
	Color Boost		
	Full Enhance	on or off	Disable or Enable Full Enhance Mode
	Nature Skin	on or off	Disable or Enable Nature Skin Mode
	Green Field	on or off	Disable or Enable Green Field Mode
	Sky-blue	on or off	Disable or Enable Sky-blue Mode
	AutoDetect	on or off	Disable or Enable AutoDetect Mode
	Demo	on or off	Disable or Enable Demo
	Picture Boost		
	Frame Size	14-100	Adjust Frame Size
	Brightness	0-100	Adjust Frame Brightness
	Contrast	0-100	Adjust Frame Contrast
	Hue	0-100	Adjust Frame Hue
	Saturation	0-100	Adjust Frame Saturation
	Position	H. position	Adjust Frame horizontal Position
		V. position	Adjust Frame vertical Position
	Bright Frame	on or off	Disable or Enable Bright Frame
	OSD Setup		
	H. Position	0-100	Adjust the horizontal position of OSD

	V. Position	0-100	Adjust the vertical position of OSD
	Timeout	5-120	Adjust the OSD Timeout
	Transparence	0-100	Adjust the transparence of OSD
	Language		Select the OSD language
	Extra		
	Input Select	Auto	Select to Auto Detect input signal
	Auto Config	yes or no	Auto adjust the picture to default
	Image Ratio	wide or 4:3	Select wide or 4:3 format for display
	DDC-CI	yes or no	Turn ON/OFF DDC-CI Support
	Information		Show the information of the main image and sub-image source
	Reset		
	Reset	yes or no	Reset the menu to default
	Exit		
	Exit		Exit the main OSD

4. Input/Output Specification

4.1 Input Signal Connector

D-Sub mini 15pin Connector



Pin Number	15-Pin Side of the Signal Cable
1	Video-Red
2	Video-Green
3	Video-Blue
4	N.C.
5	Detect Cable
6	GND-R
7	GND-G
8	GND-B
9	+5V
10	Ground
11	N.C.
12	DDC-Serial data
13	H-sync
14	V-sync
15	DDC-Serial clock

4.2 Factory Preset Display Modes

Stand	Resolution	Horizontal	Vertical
		Frequency(KHz)	Frequency(Hz)
Dos-mode	720x400	31.47	70
VGA	640x480	31.47	60
VGA	640x480	37.5	75
SVGA	800x600	37.879	60
SVGA	800x600	46.875	75
XGA	1024x768	48.363	60
XGA	1024x768	56.476	70
XGA	1024x768	60.023	75
WSXGA	1440x900	55.9	60
WSXGA	1440x900	70.6	75

4.3. Panel Specification

4.3.1 General Feature

Hannstar Display model HSD170MGW1-B00 is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This model is composed of a TFT LCD panel, a driving circuit and a back light system. This TFT LCD has a 17.0 inch diagonally measured active display area with XGA resolution (900 vertical by 1440 horizontal pixel array) and can display up to 16.2M(6 –bit + FRC)colors.

Item	Specification	Unit
Outline Dimension	389.2 x 254.5 x 11.5 (Typ)	mm
Display area	367.2 (H) x 229.5 (V)	mm
Number of Pixel	1440(H) x 900(V)	pixels
Pixel pitch	0.255(H) x 0.255(V)	mm
Pixel arrangement	RGB Vertical stripe	
Display color	16.2M (6-bit+FRC)	colors
Color Gamut	63% NTSC	
Display mode	Normally white	
Surface treatment	Antiglare (3H)	
Weight	1365	g
Back-light	2-CCFLs, Top & bottom edge side	
Input signal	2-ch LVDS	
Power Consumption	Logic System B/L System	3.0(TYP.) 11.76(TYP.)
		W

4.3.2 Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Contrast		CR	$\Theta = 0$ viewing angle	500	600	-	
Response time	Rising	T _R		-	3	5	msec
	Falling	T _F		-	5	7	
White luminance (Center)		Y _L	$\Theta = 0$ viewing angle	200	250	-	cd/m ²
Color chromaticity (CIE1931)	Red	R _x		0.621	0.651	0.681	
		R _y		0.302	0.332	0.362	
	Green	G _x	-	0.288	0.318	0.348	
		G _y		0.539	0.569	0.599	
	Blue	B _x	-	0.117	0.147	0.177	
		B _y		0.061	0.091	0.121	
	White	W _x	-	0.283	0.313	0.343	
		W _y		0.299	0.329	0.359	
Viewing angle	Hor.	Θ_L	CR>10	70	80	-	
		Θ_R		70	80	-	
	Ver.	Θ_D		75	85	-	
		Θ_U		55	65	-	
Viewing angle	Hor.	Θ_L	CR>5	75	85	-	
		Θ_R		75	85	-	
	Ver.	Θ_D		75	85	-	
		Θ_U		75	85	-	
Brightness uniformity		B _{UNI}	$\Theta = 0$	70	75	-	%

4.3.3 Electrical Characteristics

TFT Module

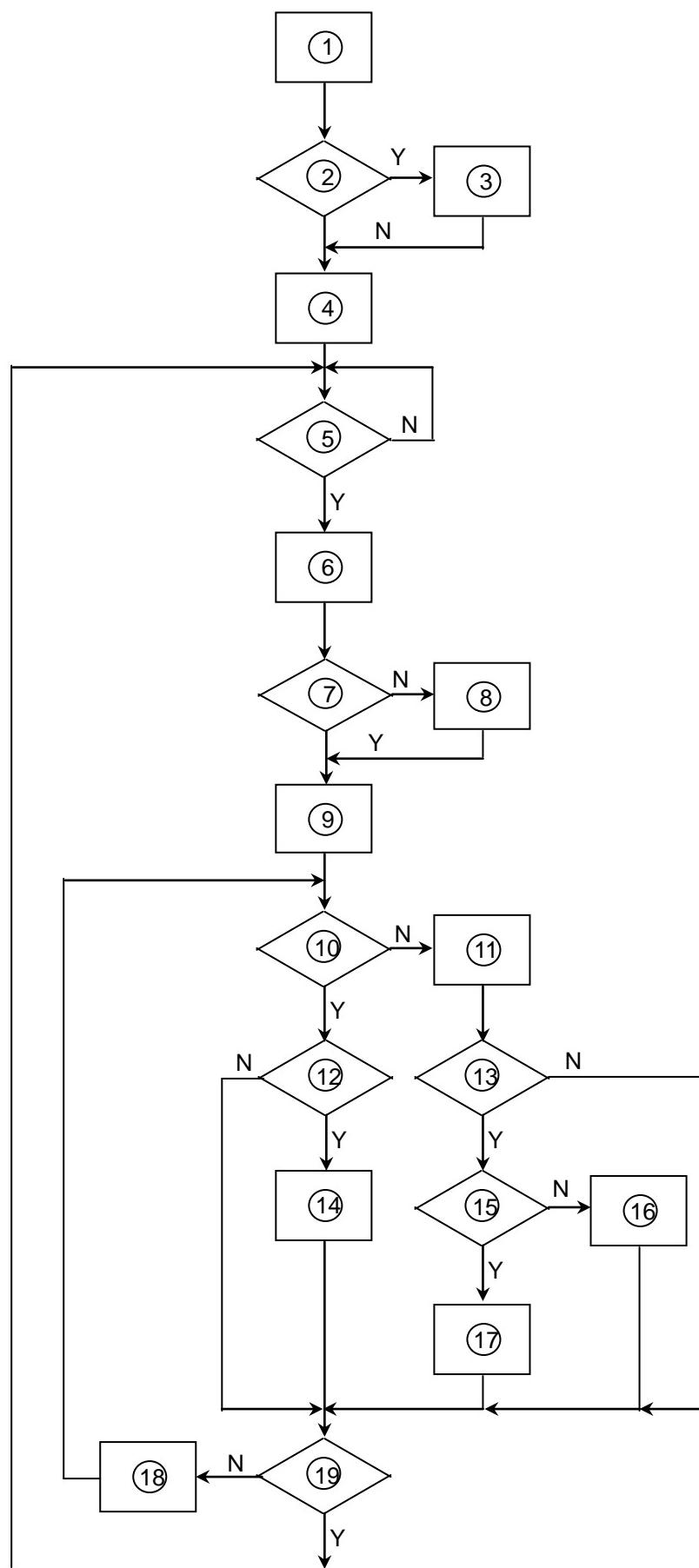
Item	Symbol	Min.	Typ.	Max.	Unit
Voltage of power supply	V_{DD}	4.5	5.0	5.5	V
Current of power supply	White I_{DD0}	310	410	510	mA
	V-Color I_{DD1}	380	480	580	mA
	Mosaic I_{DD2}	510	610	710	mA
Vsync frequency	f_V	56	60	75	Hz
Hsync frequency	f_H	55.469	55.935	70.635	KHz
Frequency	f_{DCLK}	44.375	53.25	68.375	MHz
Input rush current	I_{Rush}	-	-	3	A

Back-light

Item	Symbol	Min.	Typ.	Max.	Unit
Lamp current	I_L	3.0	7.5	8.0	mA(rms)
Lamp voltage	V_L	589.5	655	769.5	V(rms)
Frequency	f_L	40	50	60	KHz
Operating lamp life time	H_r	40,000	-	-	Hour
Startup voltage	V_s	1200 1400	-	-	V(rms)

5. Block Diagram

5.1 Software Flow Chart

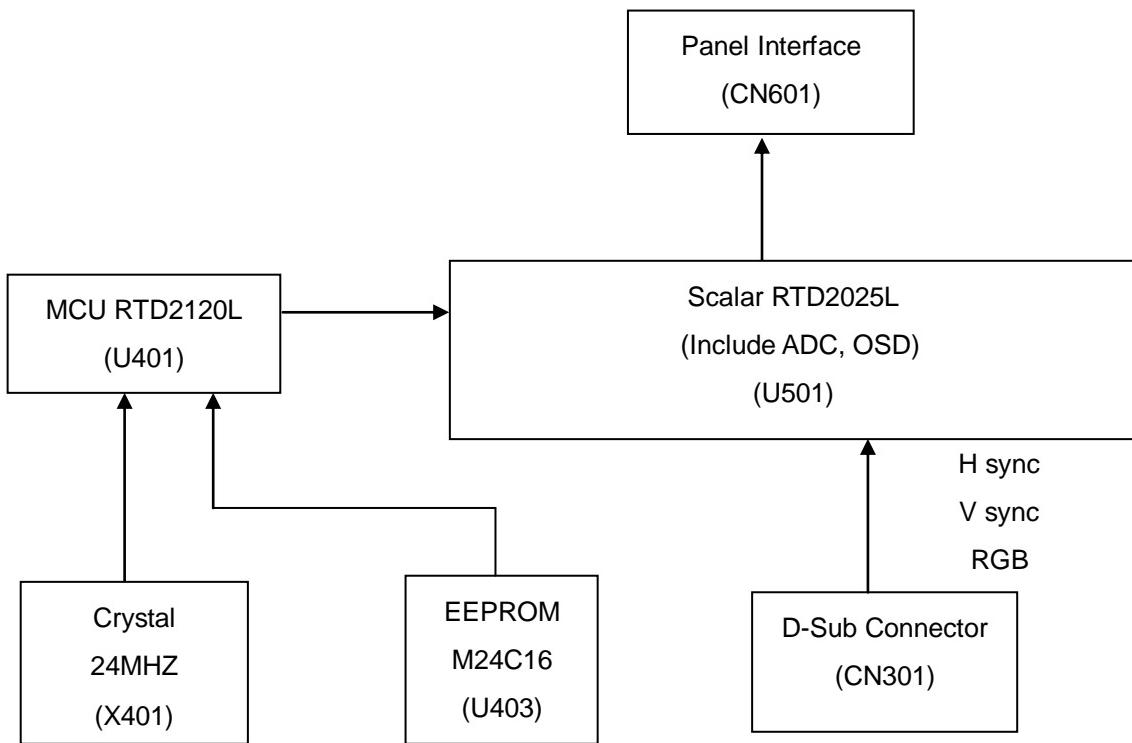


REMARK:

1) MCU initializes.
2) Is the EEeprom blank?
3) Program the EEeprom by default values.
4) Get the PWM value of brightness from EEeprom.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EEeprom. Turn on the LED and set it to green color. Scalar initializes.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are they're any signals coming?
13) Does the scalar send out an interrupt request?
14) Wake up the scalar.
15) Are there any signals coming from analog port?
16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappears.
17) Program the scalar to be able to show the coming mode.
18) Process the OSD display.
19) Read the keyboard. Is the power key pressed?

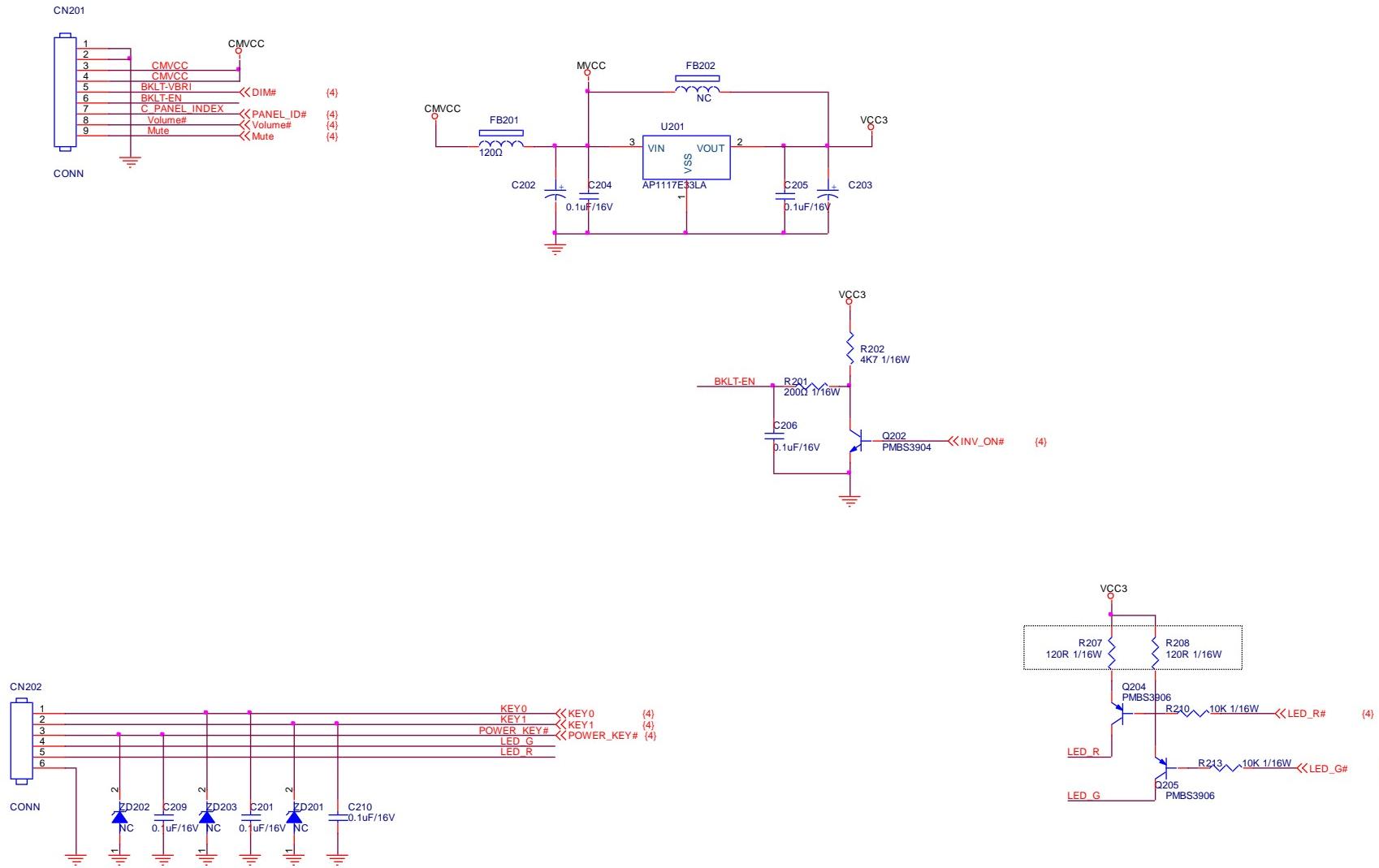
5.2 Electrical Block Diagram

Main Board

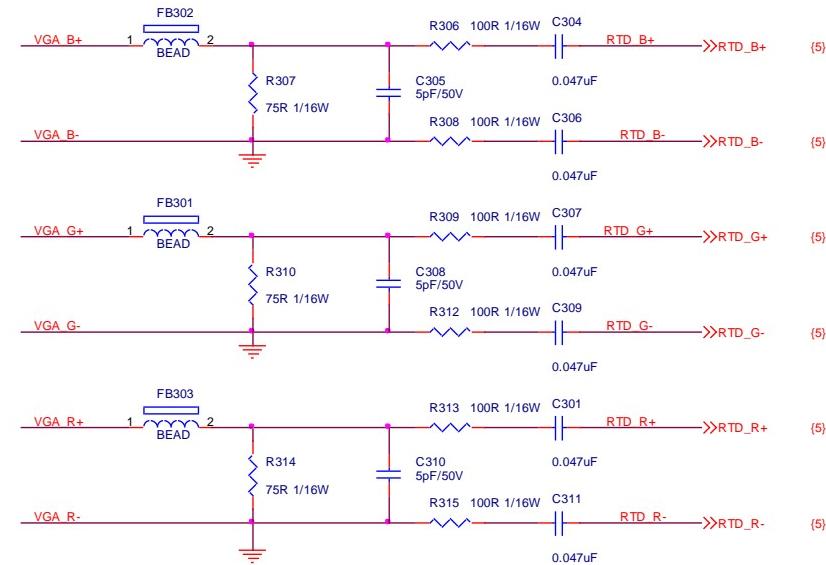
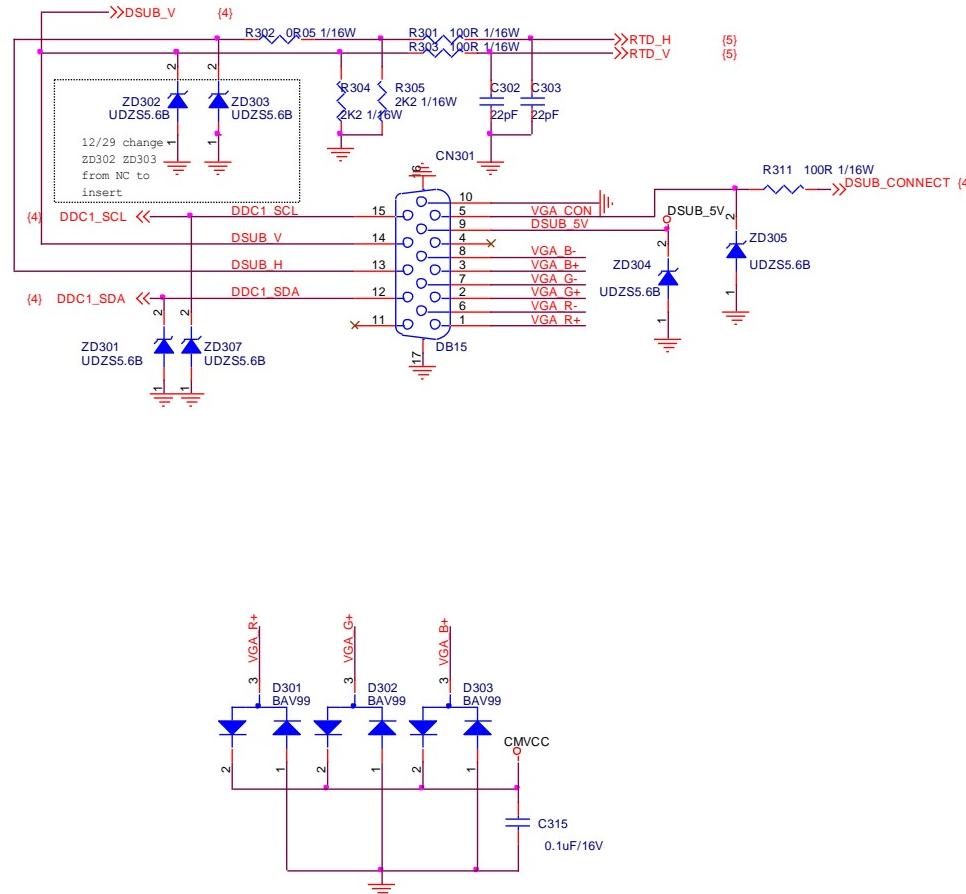


6. Schematic

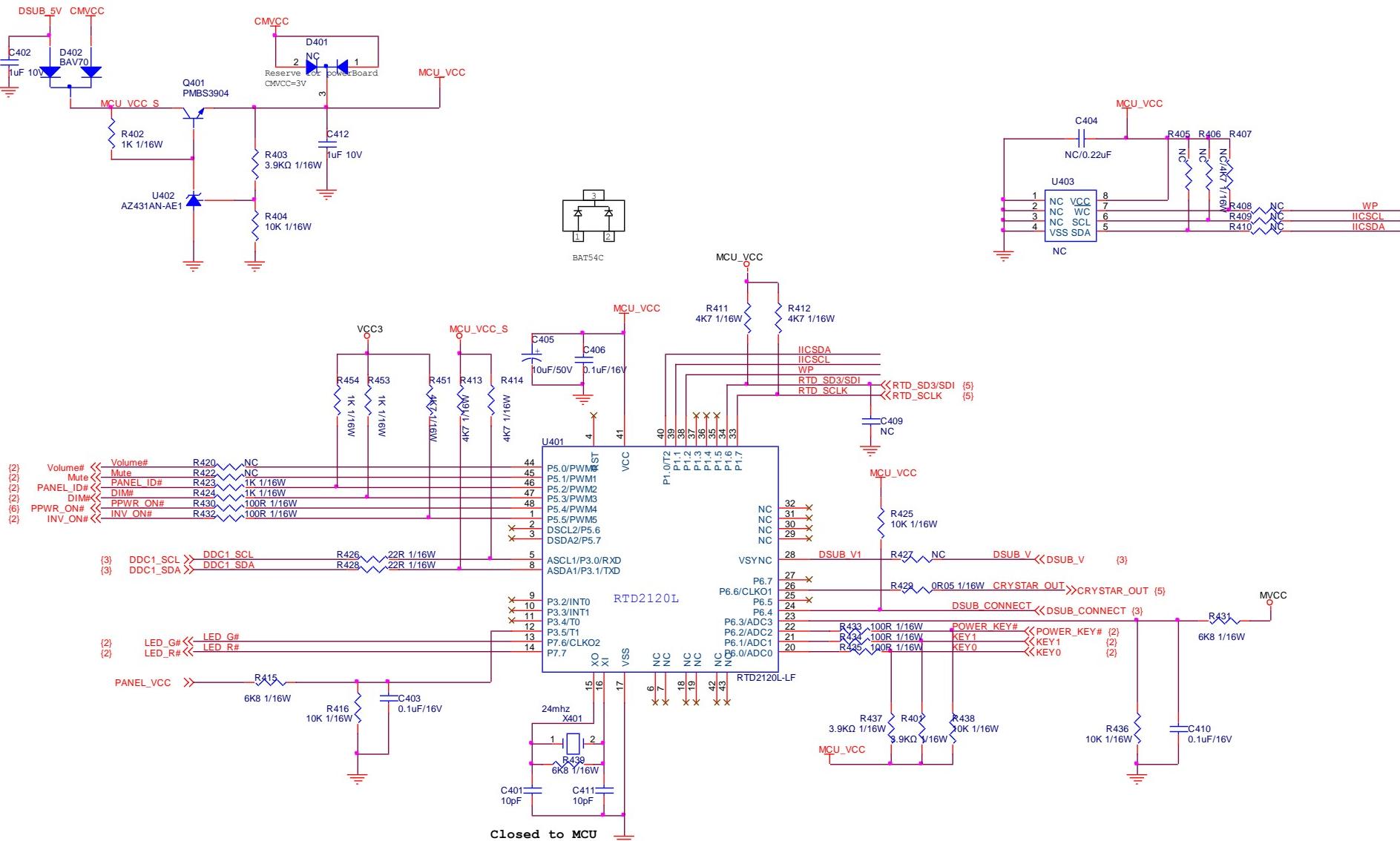
6.1 Main Board



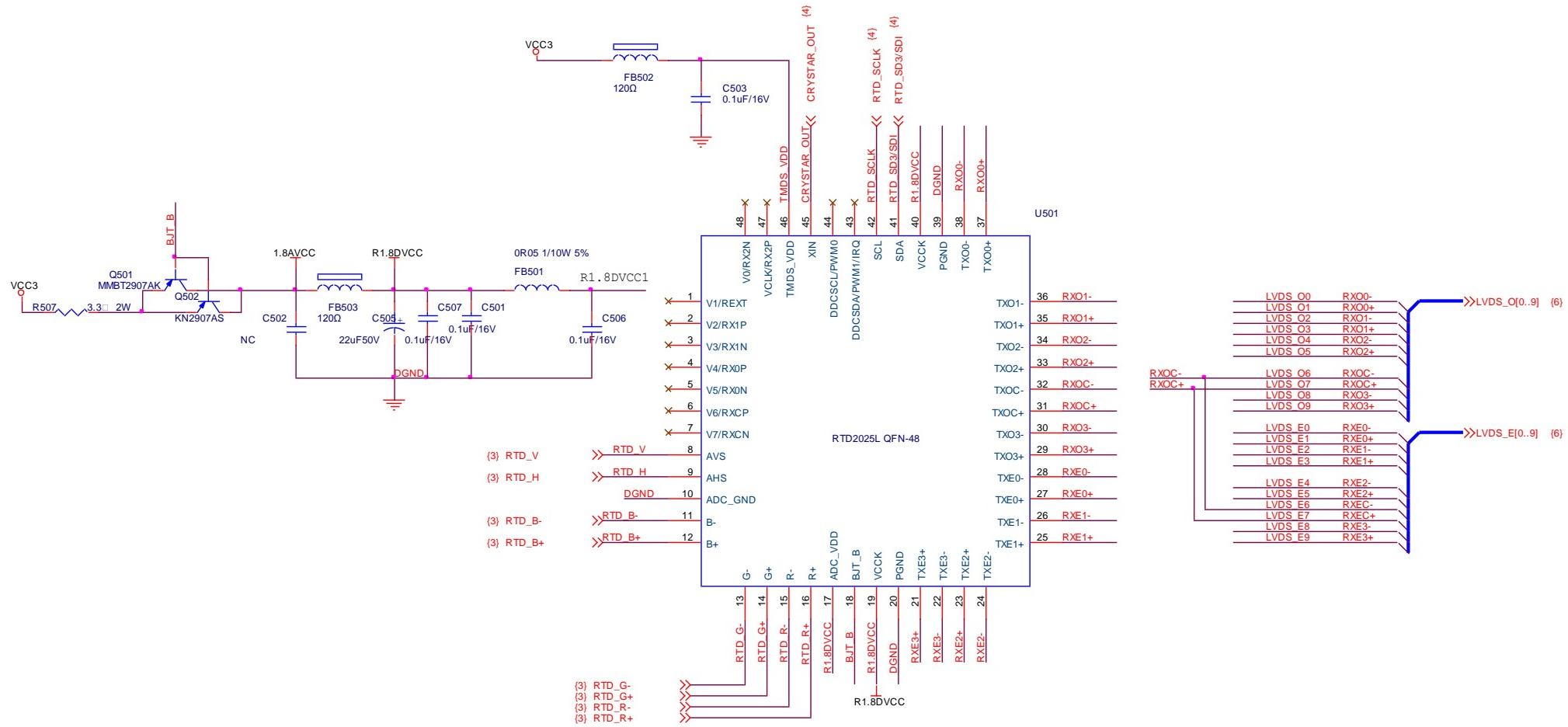
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
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Key Component	PCB NAME	715G2498-2-K	
Date	Sheet	2 of 6	聯

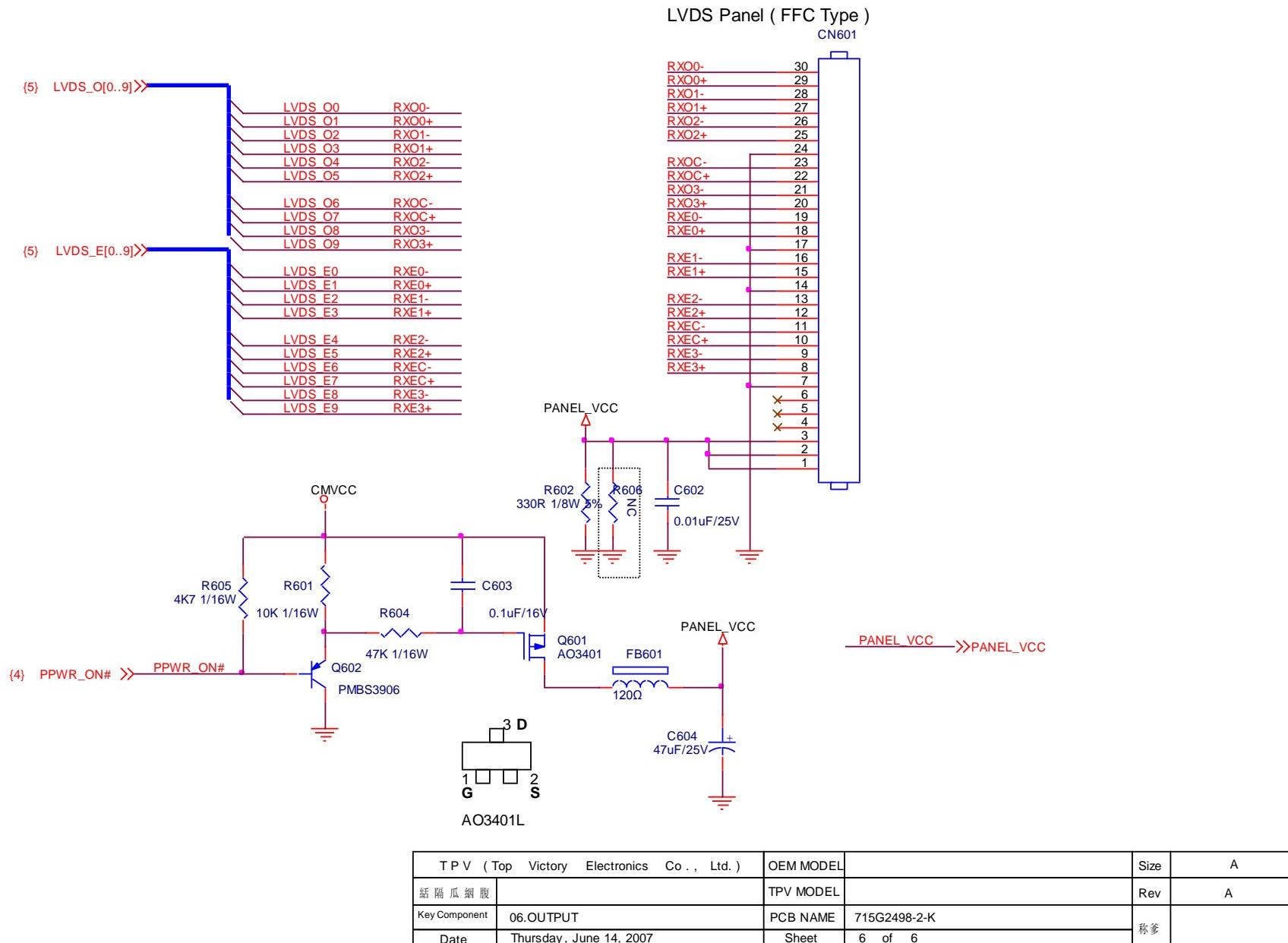


TP V (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
絶縁層	TPV MODEL	Rev	A
Key Component	03.input	PCB NAME	715G2498-2-K
Date	Thursday, June 14, 2007	Sheet	3 of 6

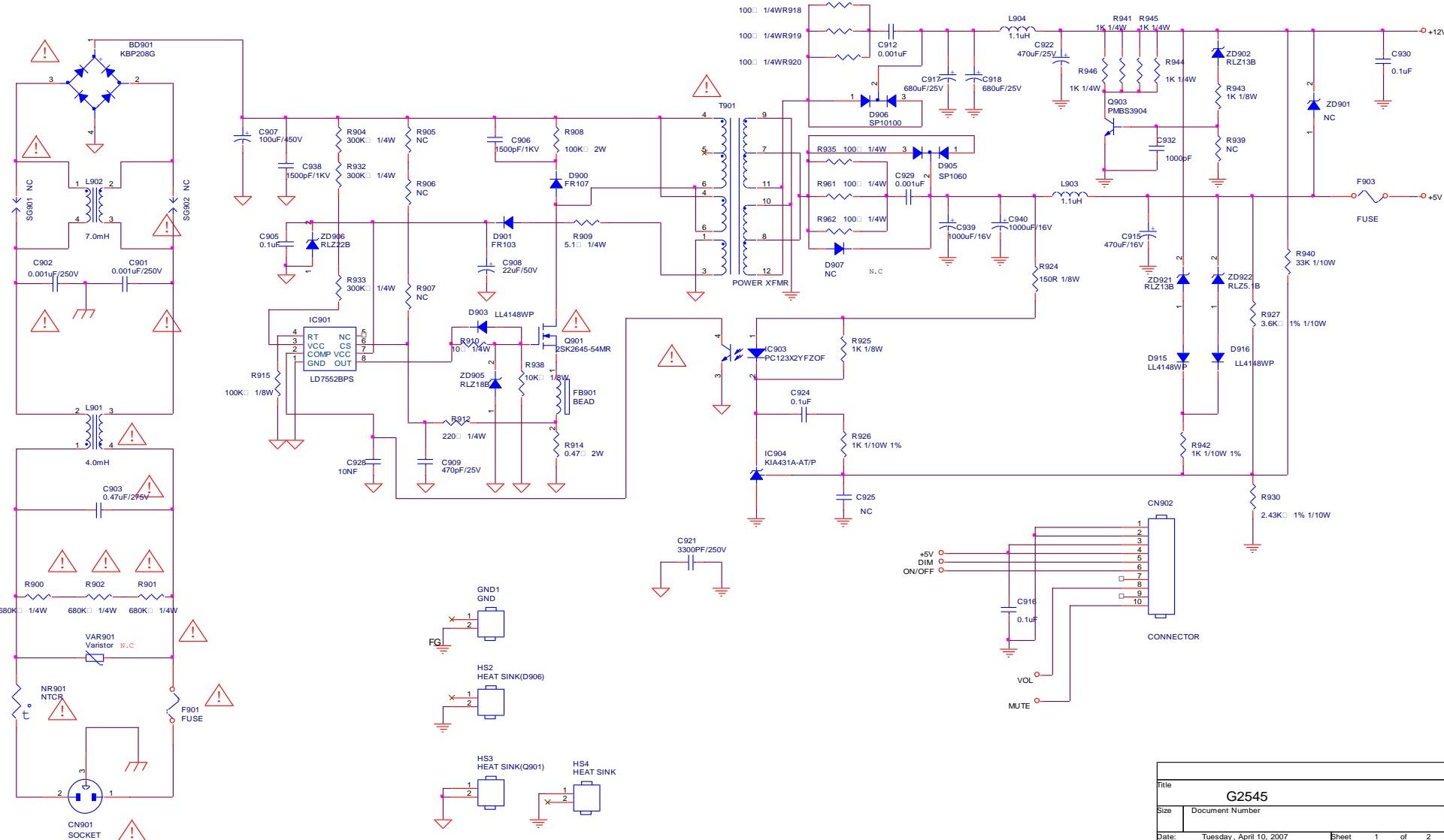


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
結隔瓜網膜	TPV MODEL		Rev A
Key Component	PCB NAME	715G2498-2-K	
Date	Sheet	4 of 6	称爹

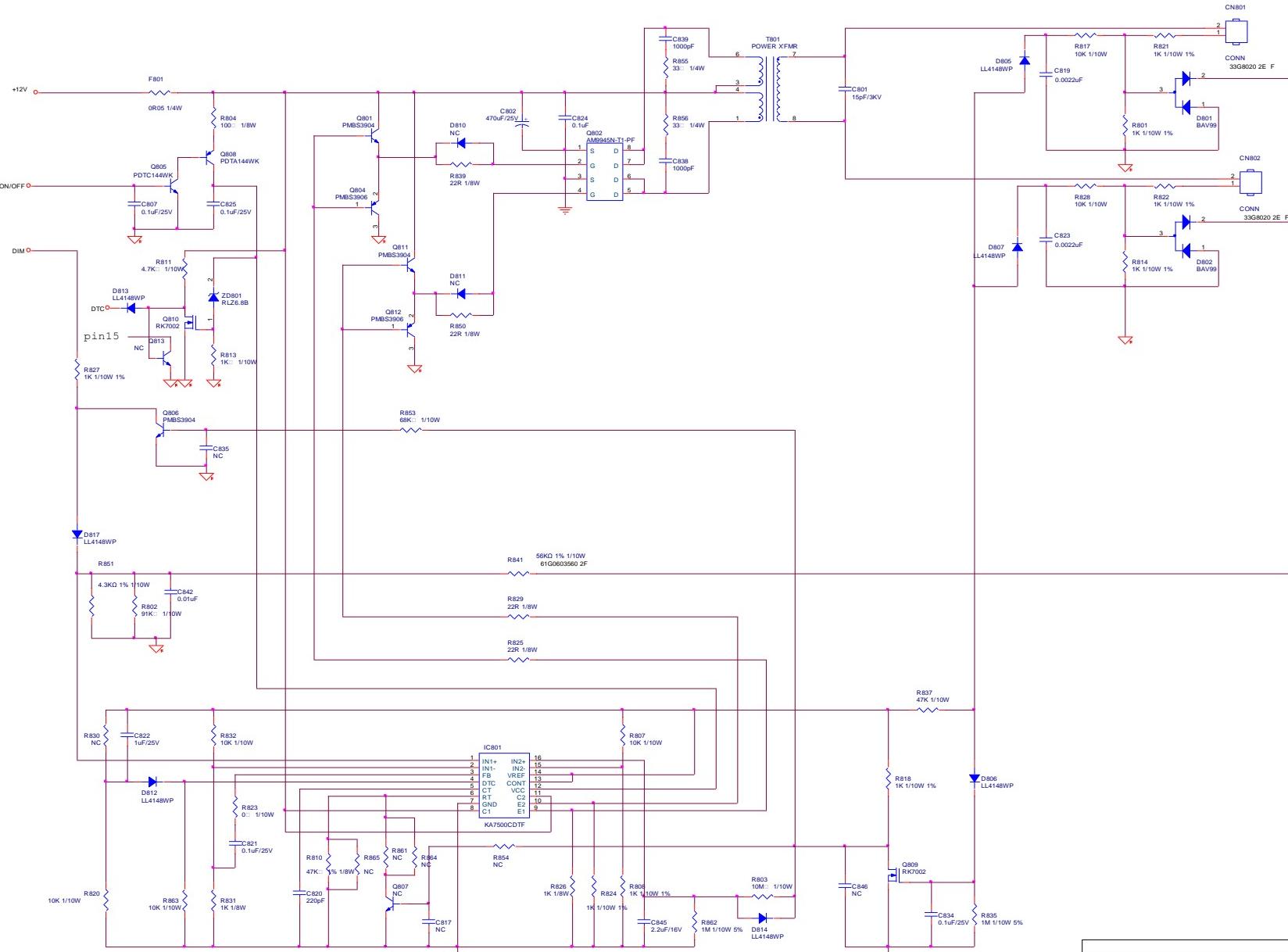




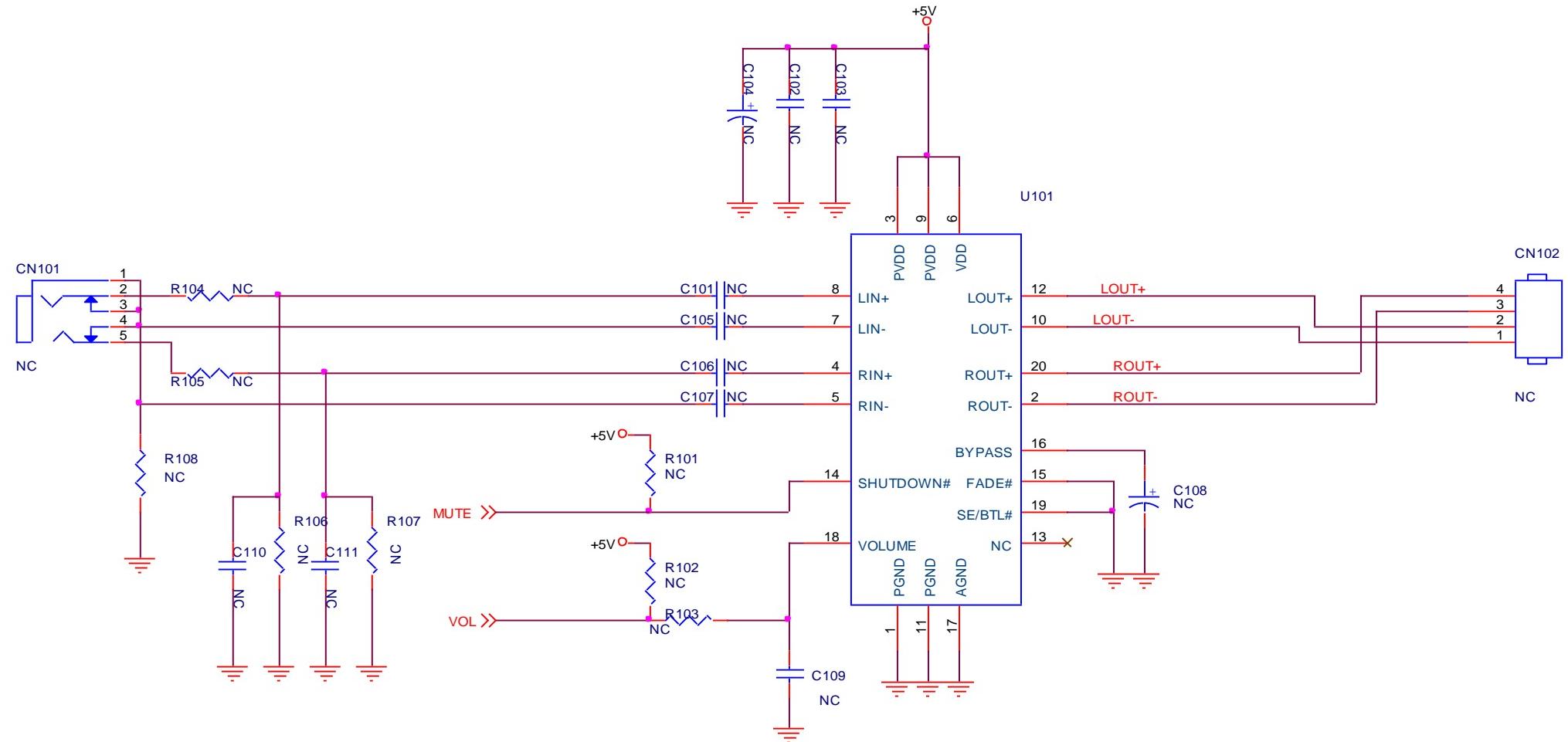
6.2 Power Board



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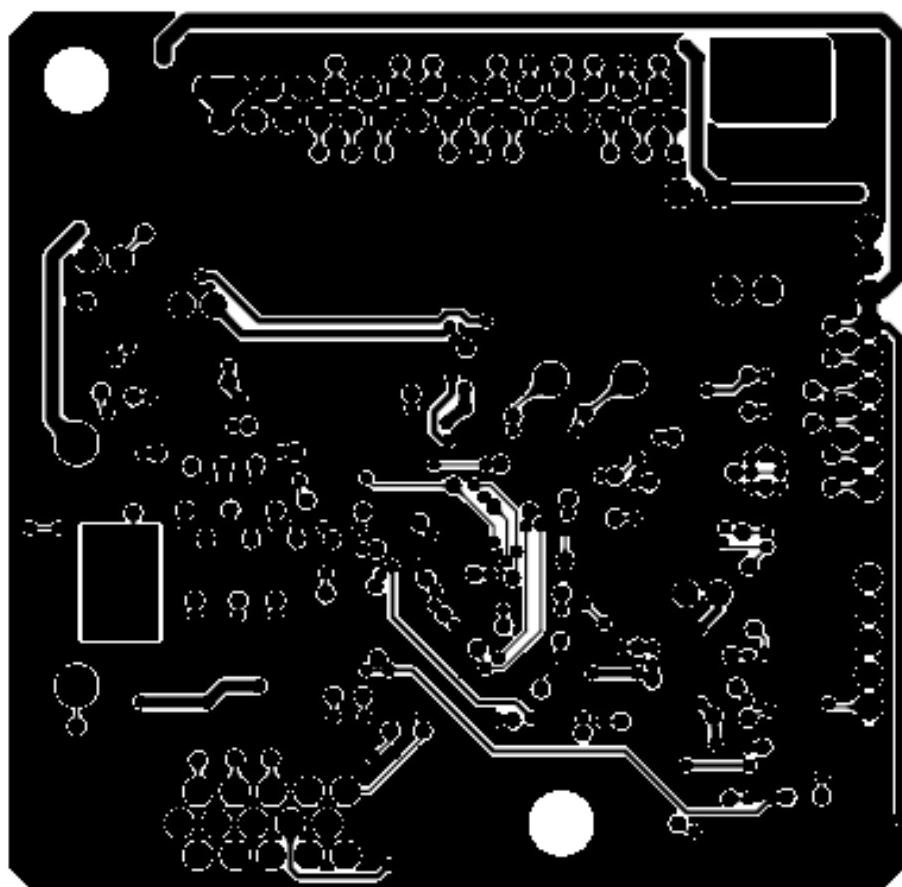
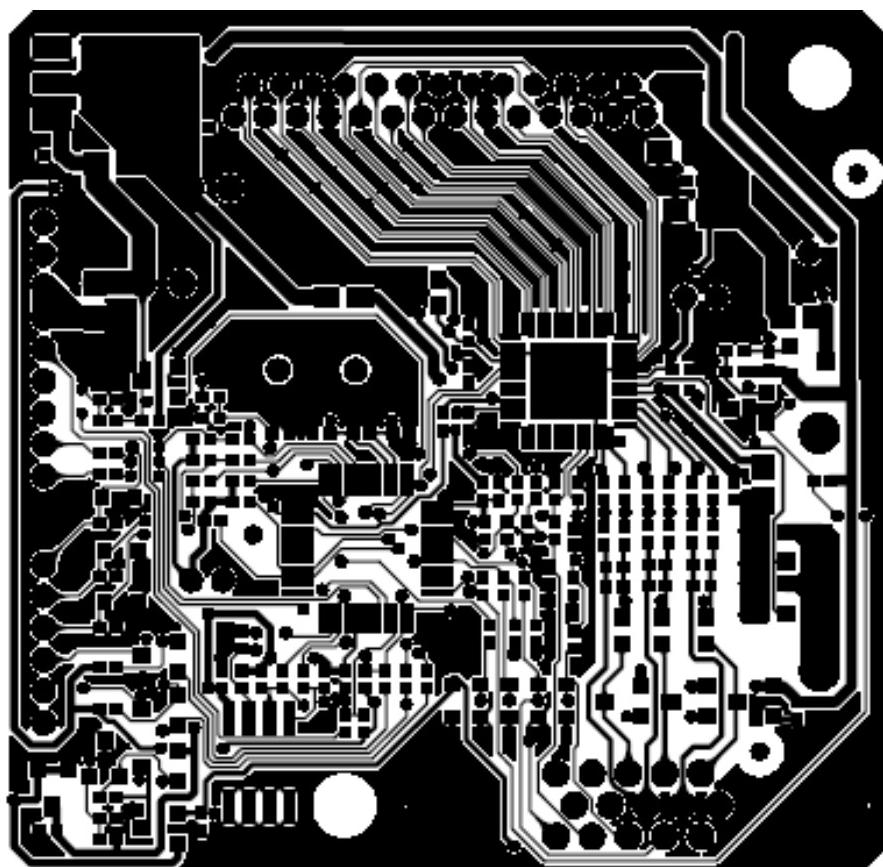


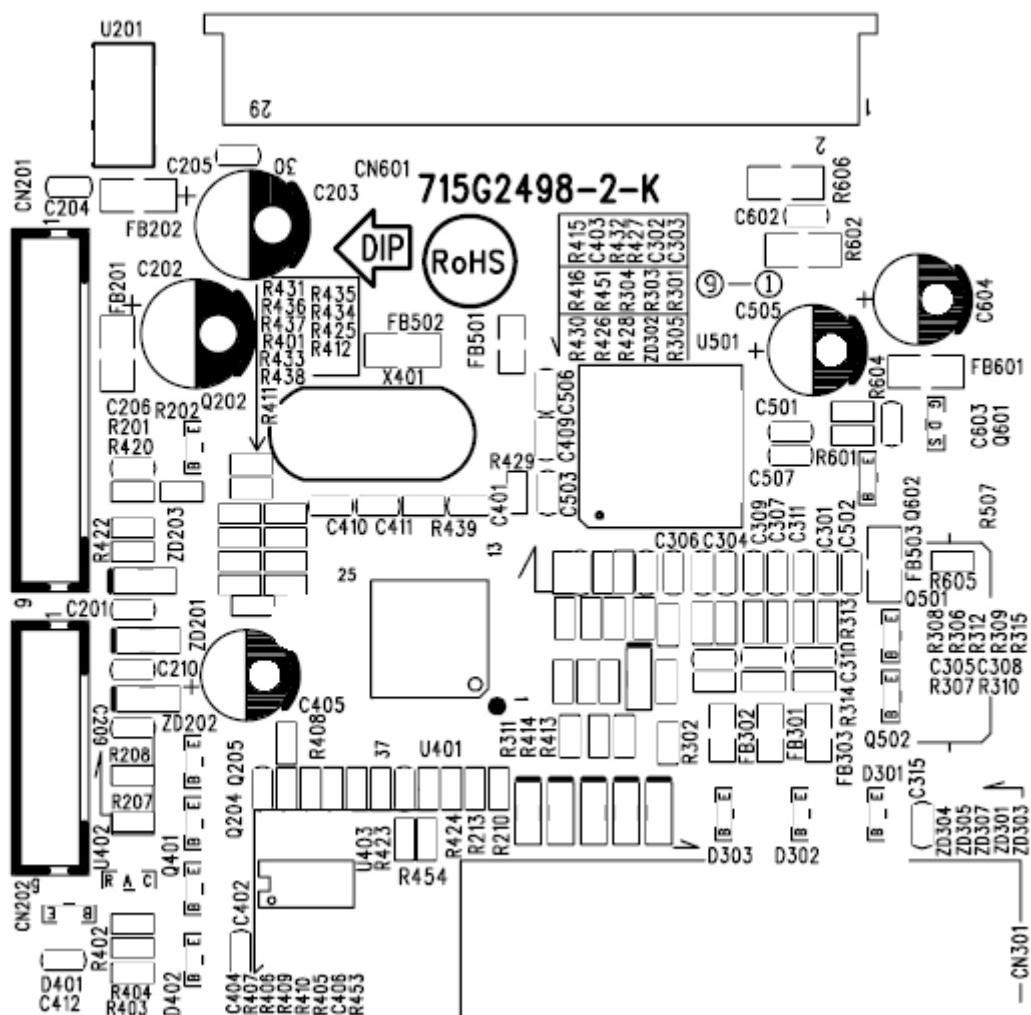
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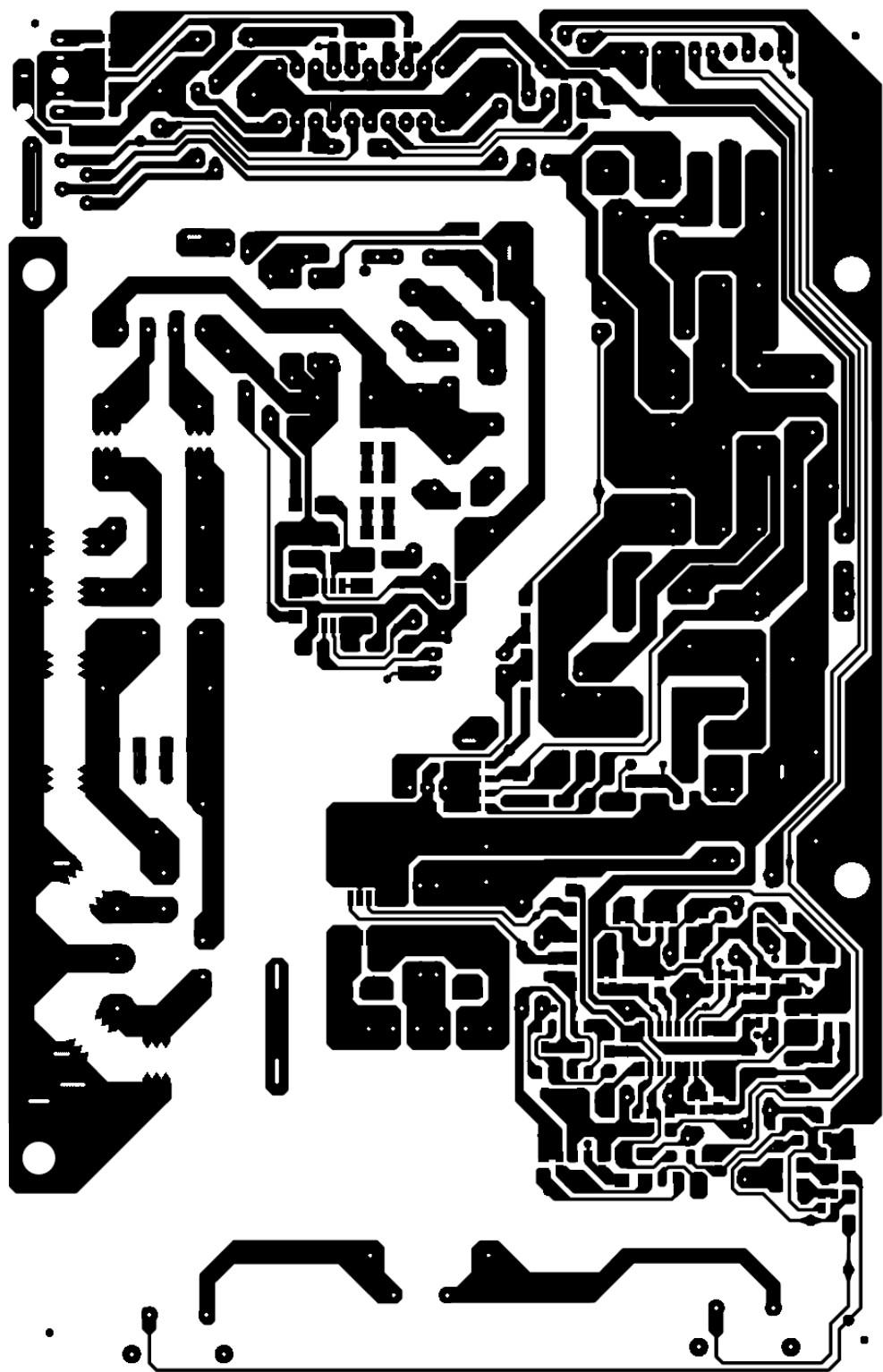


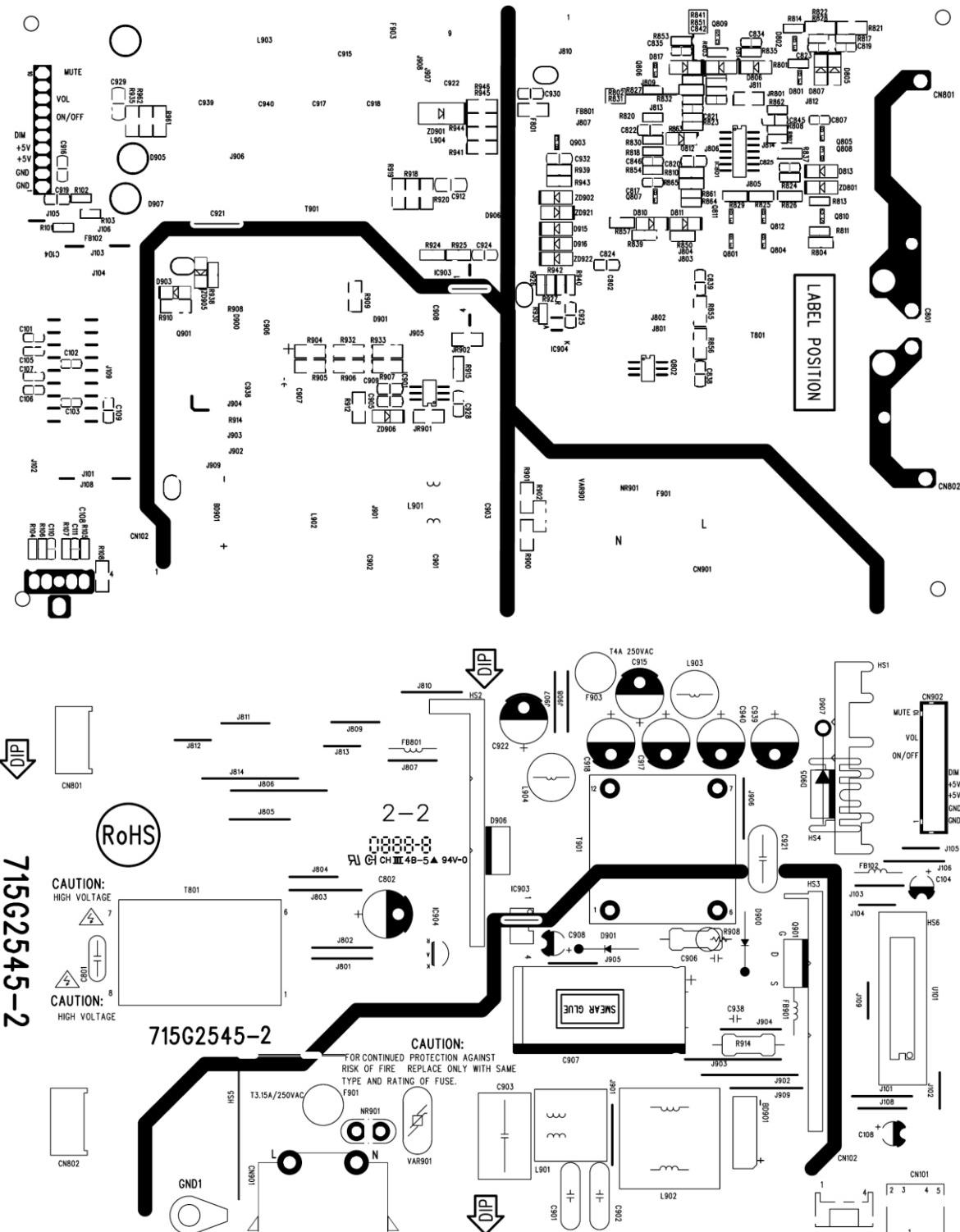
7. PCB Layout

7.1 Main Board

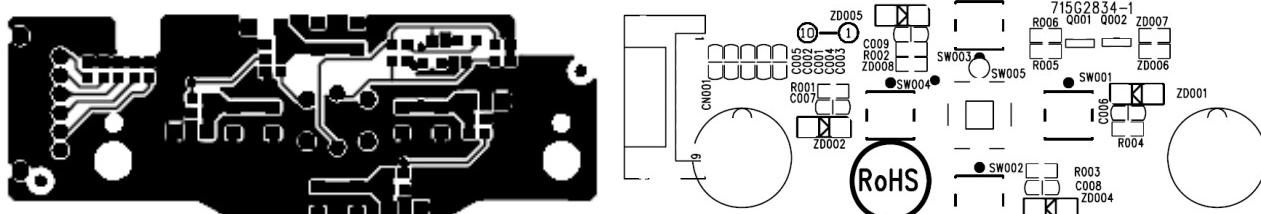








7.3 Key Board



8. Maintainability

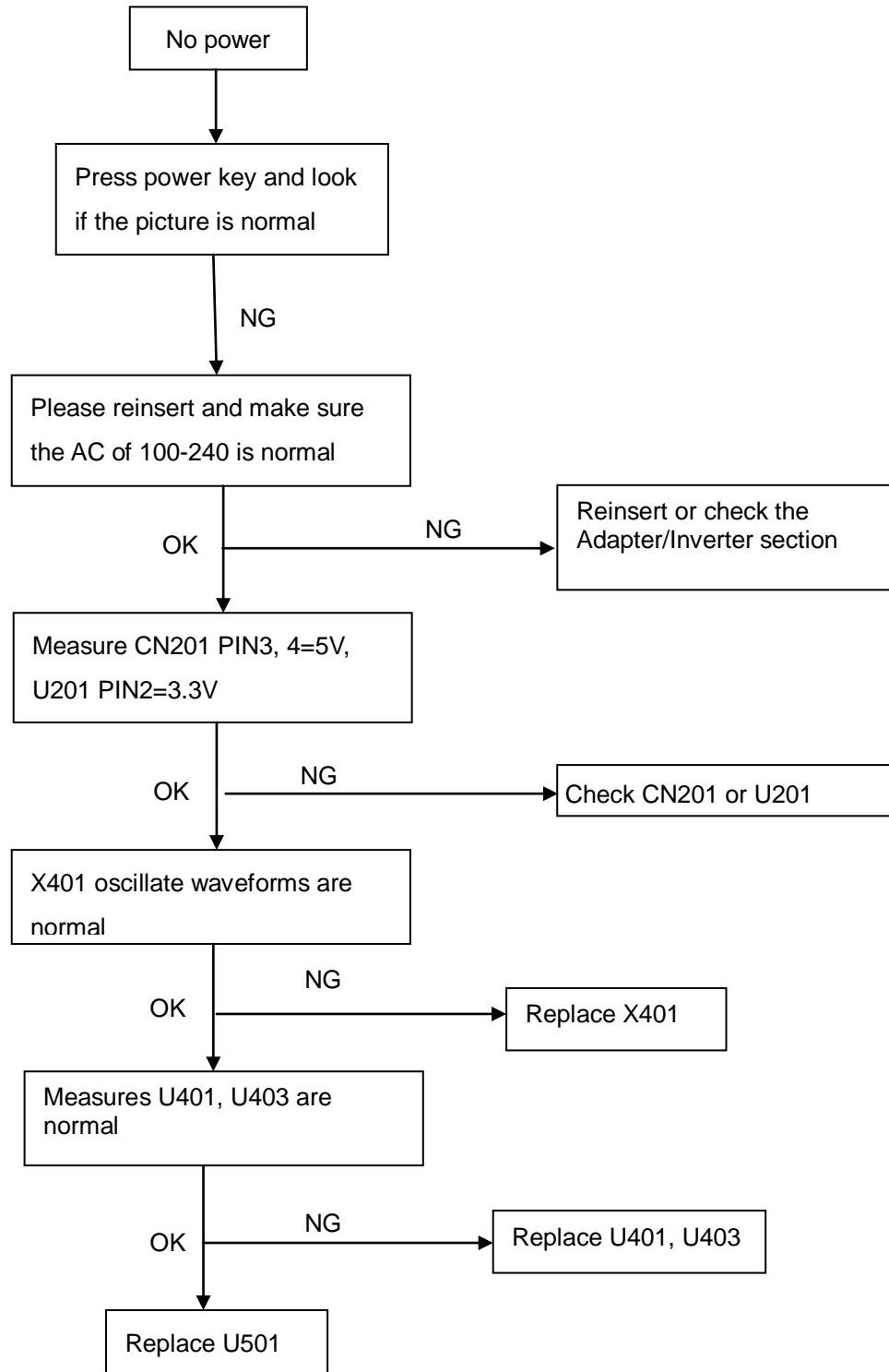
8.1 Equipments and Tools Requirement

1. Multi-meter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with and Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

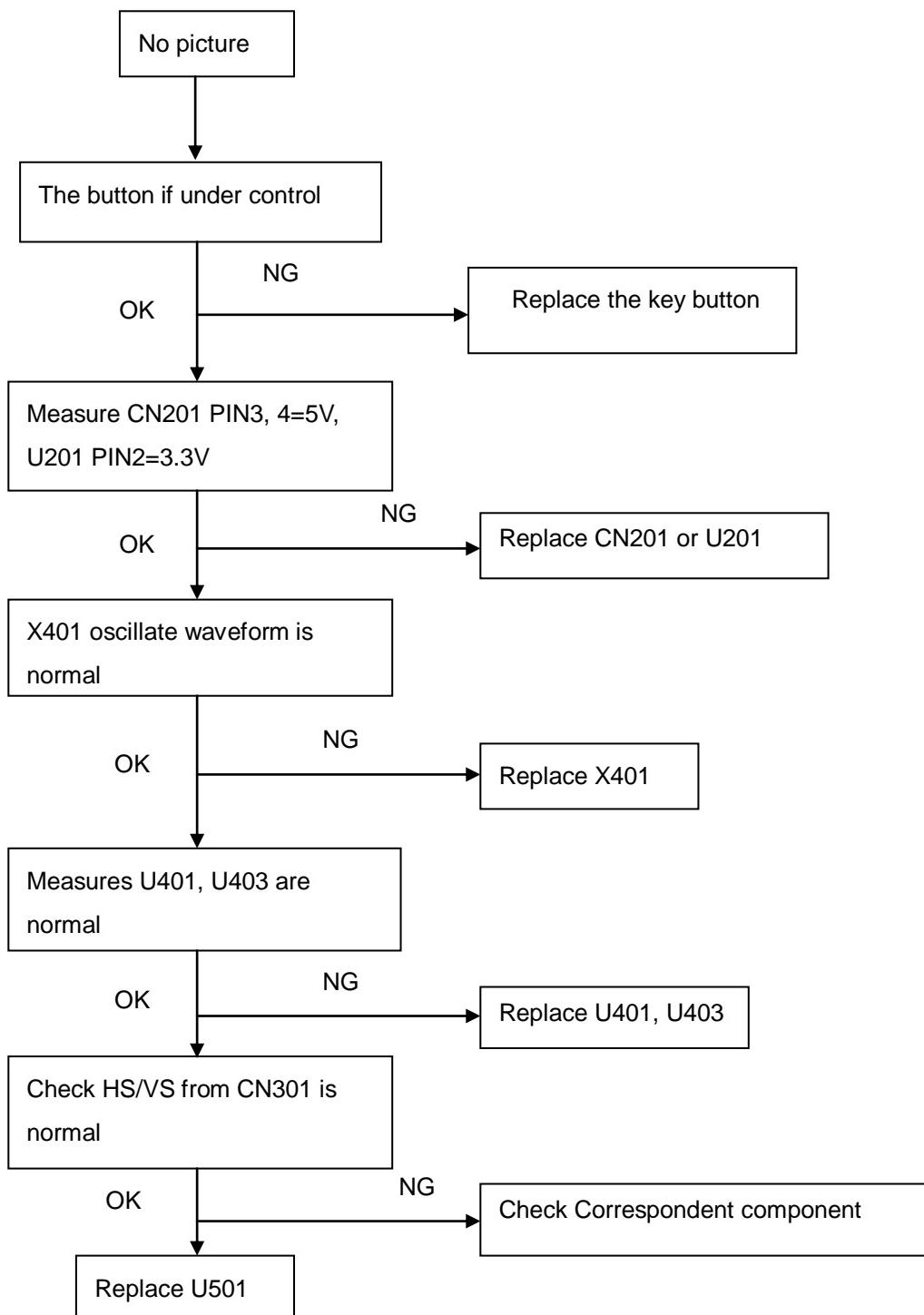
8.2 Trouble Shooting

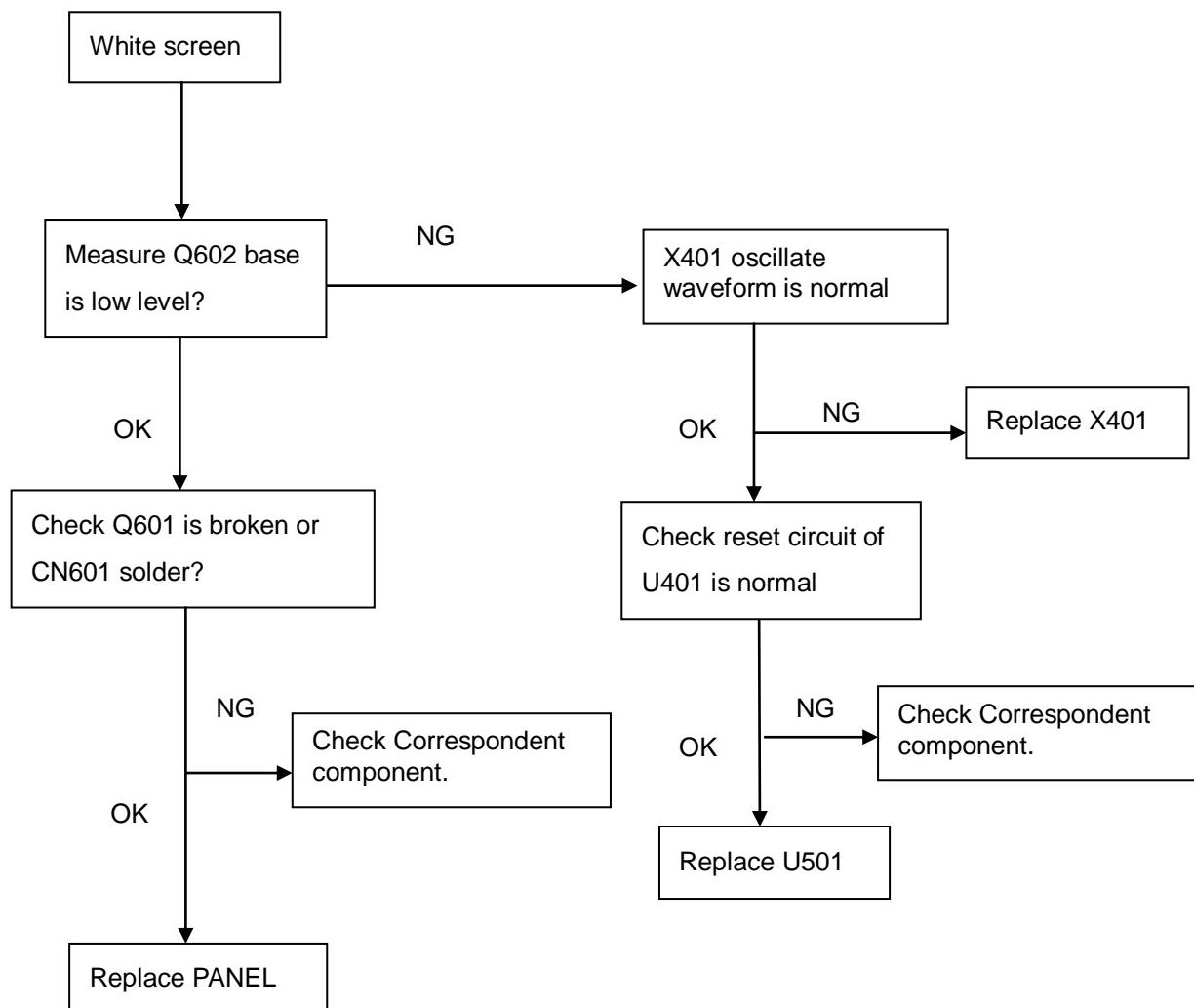
8.2.1 Main Board

No power



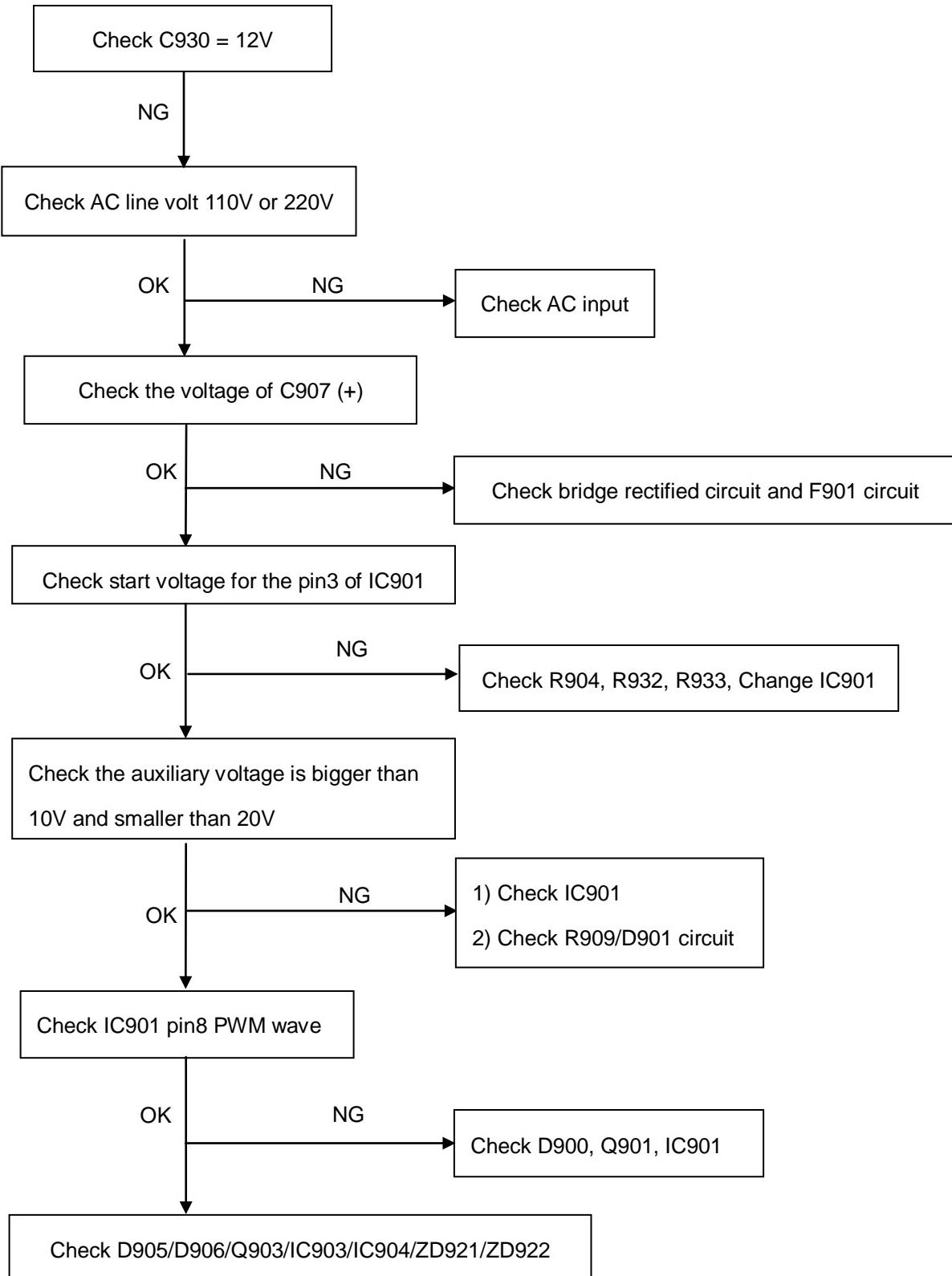
No picture (LED orange)



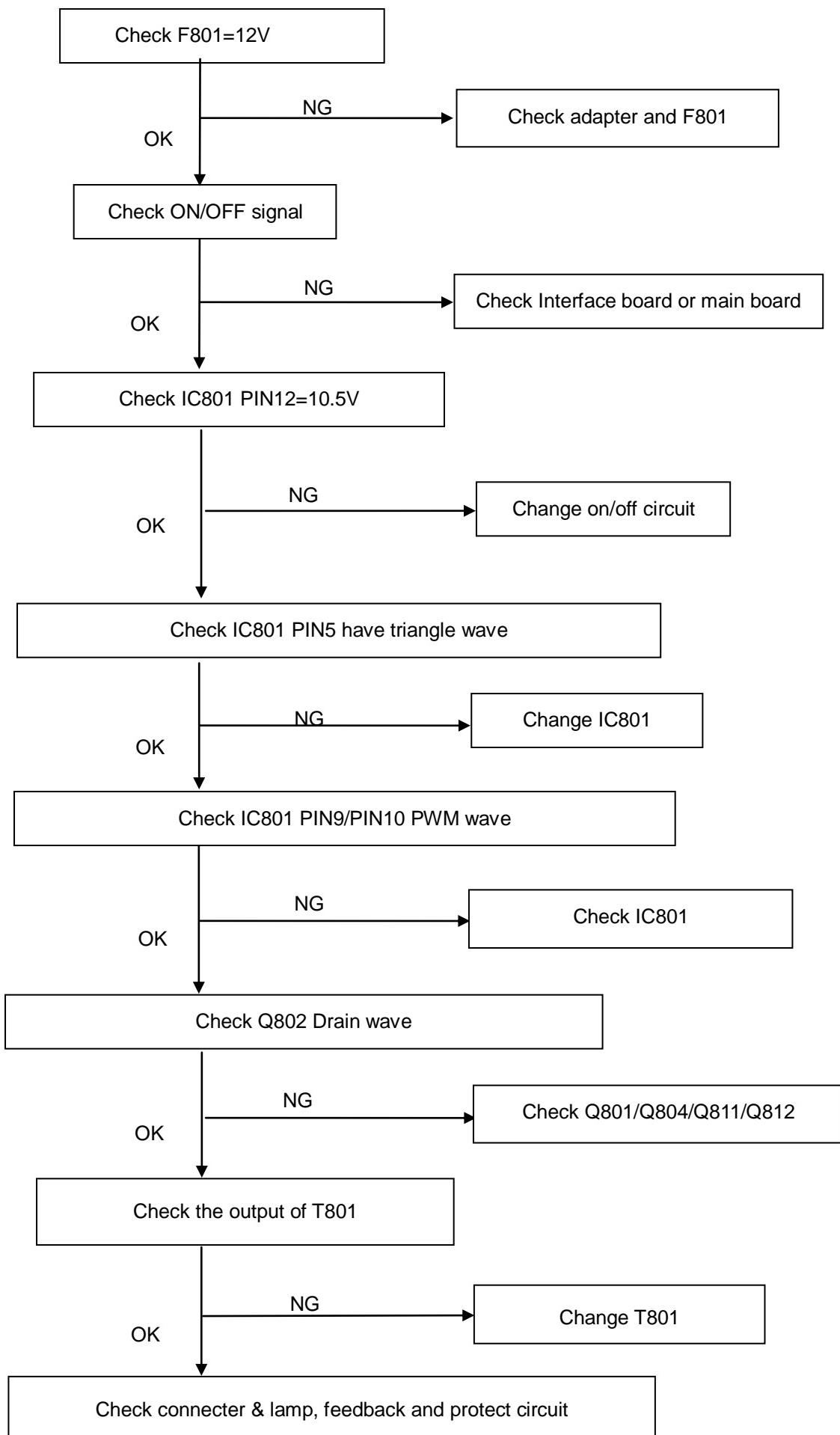
White screen

8.2.2 Power Board

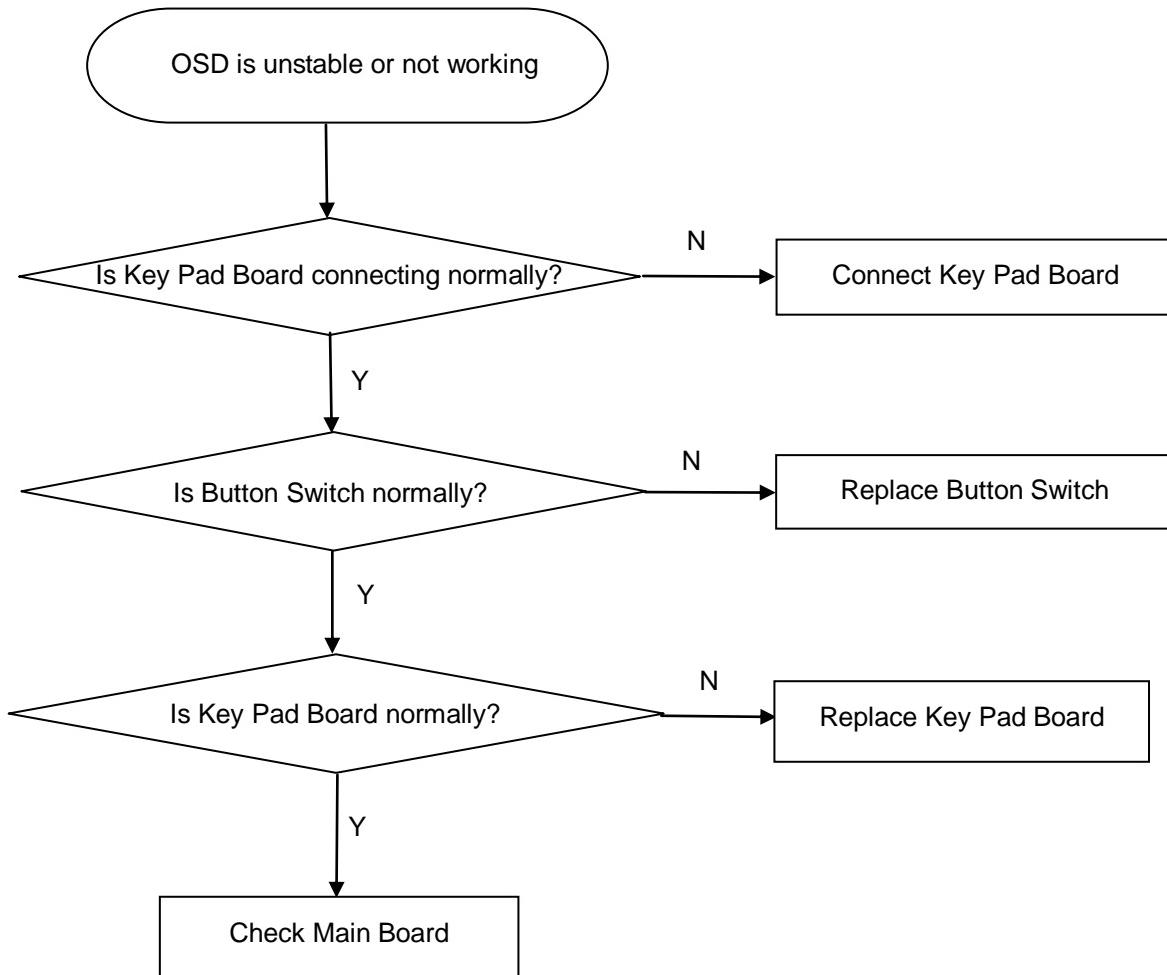
1) No power



2.) No Backlight



8.2.3 Key Board



9. White-Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding white balance adjustment.

Before started adjust white balance , please set the Chroma-7120 MEM Channel 3 to Warm (6500K) color, MEM Channel 4 to Normal (7300K) color, MEM Channel 9 to Cool (9300K) color , and MEM Channel 10 to sRGB color (our Warm color parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y=180\text{cd}/\text{m}^2$; Normal color parameter is $x = 301 \pm 20$, $y = 317 \pm 20$, $Y=180\text{cd}/\text{m}^2$; Cool color parameter is $x = 283 \pm 20$, $y = 297 \pm 20$, $Y=180\text{cd}/\text{m}^2$; sRGB color parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y=180\text{cd}/\text{m}^2$)

How to setting MEM channel you can reference to chroma 7120 user guide or simple use "SC" key and "NEXT" Key to modify xyY value and use "ID" key to modify the TEXT description Following is the procedure to do white-balance adjust .

2. Setting the color temp. you want

A. MEM.CHANNEL 3 (Warm color):

Warm color temp. parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y=180\text{cd}/\text{m}^2$

B. MEM.CHANNEL 4 (Normal color):

Normal color temp. parameter is $x = 301 \pm 20$, $y = 317 \pm 20$, $Y=180\text{cd}/\text{m}^2$

C. MEM.CHANNEL 9 (Cool color):

Cool color temp. parameter is $x = 283 \pm 20$, $y = 297 \pm 20$, $Y=180\text{cd}/\text{m}^2$

D. MEM.CHANNEL 10 (sRGB color):

sRGB color temp. parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y=180\text{cd}/\text{m}^2$

3. Into Factory mode of 717Fwy:

Press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

Set the **Contrast**  to 50; Adjust the **Brightness**  to 90.

5. Gain adjustment:

Move cursor to "-F-" and press MENU key

A. Adjust Warm (6500K) color-temperature

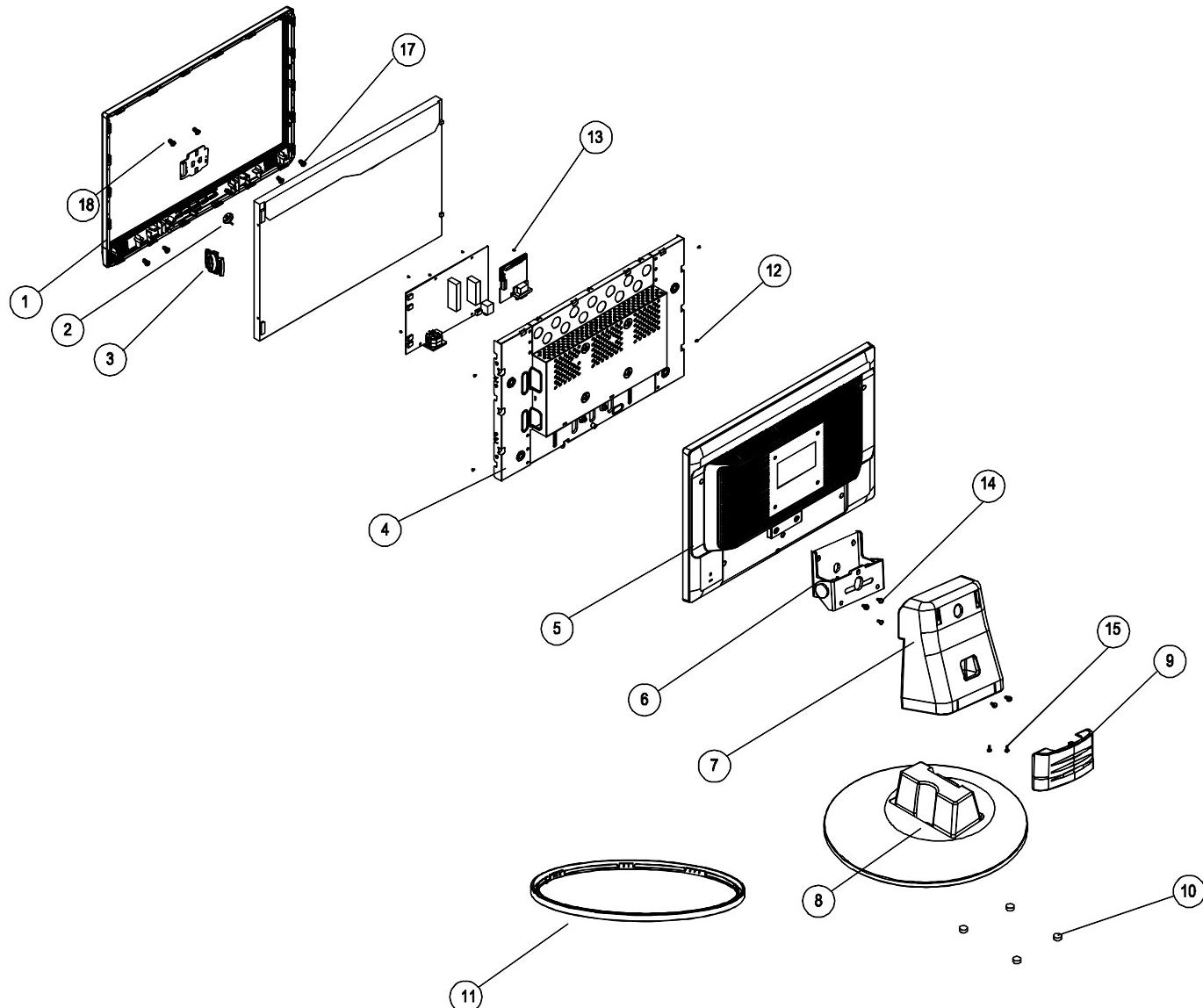
1. Switch the chroma-7120 to **RGB-Mode** (with press "MODE" button)
2. Switch the MEM.channel to Channel 3 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$, $Y=180\text{cd}/\text{m}^2$
4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance = 100 ± 2

B. Adjust Normal (7300K) color-temperature

1. Switch the chroma-7120 to **RGB-Mode** (with press "MODE" button)
2. Switch the MEM.channel to Channel 4 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 301 \pm 20$, $y = 317 \pm 20$, $Y=180\text{cd}/\text{m}^2$
4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100

5. Adjust the GREEN on factory window until chroma 7120 indicator reachedthe value G=100
 6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
 7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance = 100 ± 2
- C. Adjust Cool (9300K) color-temperature
1. Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)
 2. Switch the MEM. Channel to Channel 9 (with up or down arrow on chroma 7120)
 3. The LCD-indicator on chroma 7120 will show $x = 283 \pm 20$, $y = 297 \pm 20$, $Y=180\text{cd}/\text{m}^2$
 4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
 5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
 6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
 7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance = 100 ± 2
- D. Adjust sRGB color-temperature
1. Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
 2. Switch the MEM.channel to Channel 10 (with up or down arrow on chroma 7120)
 3. The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$, $Y= 180\text{cd}/\text{m}^2$
 4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
 5. Adjust the GREEN on factory window until chroma 7120 indicator reachedthe value G=100
 6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
 7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance = 100 ± 2
- E. Turn the Power-button off to quit from factory mode.

10. Monitor Exploded View



NO.	Part Name
17	SCREW(key_pcb/bezel)
16	SCREW
15	SCREW
14	Screw M4x10
13	Screw M3x6
12	Screw M3x5
11	BASE-RING
10	Rubber Foot
9	Cable Cover
8	Base
7	Stand Hinge
5	Rear Cover
4	Main Frame
3	Key Button
2	FUNCTION-KEY-C OAT
1	Bezel
NO.	Part Name

11. BOM List

T77HRDNQBWA15N

Location	Part No.	Description
	026G 800504 3	BARCODE LABEL
	040G 154501 1	HI-POT GND LABEL
	040G 581 26646	EANCODE LABEL
	040G 58162461A	EPA LABEL
	044G3231 15	EVA WASHER
	044G6000 4E	CARTON
	045G 77 3	PE PACKING
	045G 77500	BARCODE RIBBON
	045G 77501	BARCODE RIBBON
	051G6001 2	DESICCANT
	052G 1150 C	INSULATING TAPE
	052G 1185	MIDDLE TAPE
	052G 1185 1	BIG TAPE
	052G 1186	SMALL TAPE
	052G 1191	GLASS CLOTH
	052G 1192	GLASS CLOTH
	052G 1211 A	165MINIUM TAPE
	052G 1211527	ALUMINUM FOIL TAPE
	052G 2191 A	PAPER TAPE
	052G6019 1	INSULATING TAPE
	089G 17356C554	AUDIO CABLE
	089G 725CAA DB	D-SUB
	089G402A15NIS1	POWER CORD
	095G8014 6D 41	HARNESS 6P-6P 170MM
	0M1G 130 5120	SCREW
	0M1G1730 6120	SCREW,42-D020523
	0M1G1740 10 47 CR3	SCREW
	0Q1G 330 8120	SCREW 3X8MM 42A9930017/ 42-D002093
	705GQ834068	BEZEL ASS'Y(17")
	705GQ834070	BASE/STAND ASS'Y(17")
	A15G0207 K 6 CKD	MAINFRAME
	A33G0173ABJ 1L	CABLE CLAMP
	A34G0433ABJA7B	REAR COVER 17
	CBPC7SRDA1Q4	MAIN BOARD
	KEPC7QK7	KEY BOARD
	PWPC721HE4	POWER BOARD
	Q07G 8 2 2	COMPOUND PALLET

	Q20G6036 1 30	FUNCTION-KEY-COAT
	Q20G6046 1 30	POWER_KEY
	Q36G 600517	DUSTER CLOTH
	Q40G 17N61586A	717FWY POP LABEL
	Q40G000260811A	BASIC LABEL
	Q40G000262448A	POP LABEL
	Q40G000262452A	DEEVO STICK
	Q41G7800615B55	SA SERVICE CENTER
	Q41G780A61554A	717FWY QSG
	Q45G 76 28CK2 R	PE BAG
	Q45G 88606 16 R	PE BAG FOR CLAMP
	Q45G 88606CK2 R	PE BAG FOR BASE
	Q45G 88609122	EPE BAG FOR MONITOR
	Q70G700661524A	CD MANUAL
	750GLH70GWB12N	PANEL HSD170MGW1 B00 NJ HSD
E08907	S89G179T30N9A	FFC CABLE
	040G 581 26646	EANCODE LABEL
	Q44G600019S 2A GP	CARTON
	040G 581 26646	EANCODE LABEL
	045G 88525 B	PE BAG
	Q44G600017L 2A	CARTON
	040G 581 26646	EANCODE LABEL
	Q44G600020L 1A	CARTON
E078	078G 322 7 Y	SPK 8 OHM 1.5W 260MM 43X18MM SUNLINK
	0Q1G1030 8120	SCREW
	Q34G0302AEVA1X	BEZEL L17WA-7KH12
	A34G0289ABJ 1B	STAND
	A37G0031 3CKD	HINGE
	AM1G1740 10 47 CR3	SCREW
	Q12G6600 8	PORON FOOT
	Q34G0243AEV 1X	BASE 7S9
	Q34G0244 X2 1B CKD	BASE-RING 7S10
	040G 45762412B	CBPC LABEL
CN202	033G3802 6	WAFER
CN201	033G3802 9	WAFER 9P RIGHT ANELE PITCH
CN601	033G801930F CH JS	CONNECTOR
R507	061G152M339 64	CHIPR 3.3 OHM +-5% 2W
C405	067G 3151007KV	ELCAP 10UF M 50V 105°C KINGNICH
C202	067G 3151014KV	EC 105°C CAP 100UF M 25V
C203	067G 3151014KV	EC 105°C CAP 100UF M 25V

C505	067G 3152207KV	ELCAP 22UF M 50V 105°C KING NICH
C604	067G 3154704KV	ELCAP 47UF M 25V 105°C KINGNICH
CN301	088G 35315F H	D-SUB 15PIN
X401	093G 22 45 H	24MHZ/30PF/49US
	SMTCA7SRDA1Q4	MAIN BOARD FOR SMT
CN001	033G3802 6H	WAFER 6P RIGHT ANGLE PITCH 2.0
SW005	077G610D 1 WB	TACT SW+LED
	SMTKEPC7QK7	KEY BOARD FOR SMT
	040G 45762412B	CBPC LABEL
GND1	009G6005 1	GROUND TERMINAL
CN102	033G3802 4 DH JF	WAFER
CN801	033G8020 2E F	CONNECTOR
CN802	033G8020 2E F	CONNECTOR
IC903	056G 139 7 1	IC EL817MA M-TYPE
U101	056G 616 37	IC TPA6021A4NE4 2W*2 PDIP-20
NR901	061G 58080 WT	8 OHM NCT
R914	061G152M47852T	RST MOFR 0.47 OHM +-5% 2WS
C903	063G 10747410V	0.47UF 275VAC ARCO
C938	065G 1K152 1T	1.5NF/1KV Z5F+-10%
C801	065G 6J1506ET	15PF 5% SL 6KV
C902	065G305M1022BP	Y2 1000PF M 250VAC Y5P
C901	065G305M1022BP	Y2 1000PF M 250VAC Y5P
C921	065G306M3322BP	3300PF 20%
C907	067G 40Z10115K	CAP 105°C 100UF M 450V
C922	067G215D4714KV	E.C 105°C CAP 470UF M 25V ED SERIES
C802	067G215D4714KV	E.C 105°C CAP 470UF M 25V ED SERIES
C918	067G215D6814KV	CAP 105°C 680UF M 25V
C917	067G215D6814KV	CAP 105°C 680UF M 25V
C940	067G215S1023KV	105°C 1000UF M 16V
C939	067G215S1023KV	105°C 1000UF M 16V
C915	067G215S4713KV	EC 105°C CAP 470UF M 16V
L902	073G 174 65 H	LINE FILTER
T801	080GL17T 40 H	XFMR INVERTER DADON
CN901	087G 501 32 S	AC SOCKET
CN101	088G 30214K DC	PHONE JACK 5PIN
BD901	093G 50460 28	BRIDGE DIODE KBP208G LITEON
CN902	095G801410E 51	WIRE HARNESS
	705GQ7 57001	Q901 ASS'Y
	705GQ7 93001	D905 ASS'Y
	705GQ761006	R908 ASS'Y

	705GQ793040	D906 ASS'Y
	PW721HE4SMT	POWER BOARD FOR SMT
HS6	Q90G6295 3	HEAT SINK
L901	S73G17476V	LINE FILTER ASS'Y
L903	S73G25391V1	CHOKE COIL ASS'Y
L904	S73G25391V1	CHOKE COIL ASS'Y
T901	S80GL17T33V	TRANSFORMER ASS'Y
	089F80002053AG	1.0*30*3-205-3-0.65*0.05
	033F303FH10BK3	F1010HA-30P-BK
	033F303FJSHK30	1.0S-19-30A
U402	056G 158501	AZ431AN-A-E1
U501	056G 562701	SCALER IC RTD2025L QFN-48
U201	056G 585 4A	AP1117E33LA
U401	056G1125701 X(WA8RWR7HAQ1)	IC MCU RTD2120L-LF REALTEK
U403	056G1133 56	M24C16-WMN6TP
Q202	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q401	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q204	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q205	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q602	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q501	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23
Q502	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23
Q601	057G 763 1	A03401 SOT23 BY AOS(A1)
R302	061G0402000	RST CHIPR 0 OHM +-5% 1/16W
R429	061G0402000	RST CHIPR 0 OHM +-5% 1/16W
R315	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R313	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R312	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R311	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R309	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R308	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R306	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R303	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R301	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R408	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R409	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R410	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R420	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R422	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R430	061G0402101	RST CHIPR 100 OHM +-5% 1/16W

R432	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R433	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R434	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R435	061G0402101	RST CHIPR 100 OHM +-5% 1/16W
R454	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W
R453	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W
R424	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W
R423	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W
R402	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W
R601	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R438	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R436	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R425	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R416	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R404	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R213	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R210	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W
R207	061G0402121	RST CHIP 120R 1/16W 5%
R208	061G0402121	RST CHIP 120R 1/16W 5%
R201	061G0402201	RST CHIP 200R 1/16W 5%
R426	061G0402220	RST CHIPR 22 OHM +-5% 1/16W
R428	061G0402220	RST CHIPR 22 OHM +-5% 1/16W
R304	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W
R305	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W
R437	061G0402392	RST CHIP 3.9K 1/16W 5%
R403	061G0402392	RST CHIP 3.9K 1/16W 5%
R401	061G0402392	RST CHIP 3.9K 1/16W 5%
R202	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R405	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R406	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R407	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R411	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R412	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R413	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R414	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R451	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R605	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W
R604	061G0402473	RST CHIPR 47 KOHM +-5% 1/16W
R415	061G0402682	RST CHIP 6K8 1/16W 5%
R431	061G0402682	RST CHIP 6K8 1/16W 5%

R439	061G0402682	RST CHIP 6K8 1/16W 5%
R307	061G0402750	RST CHIPR 75 OHM +-5% 1/16W
R310	061G0402750	RST CHIPR 75 OHM +-5% 1/16W
R314	061G0402750	RST CHIPR 75 OHM +-5% 1/16W
FB501	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R602	061G0805331	RST CHIPR 330 OHM +-5% 1/8W
C401	065G0402100 31	CAP 0402 10PF J 50V NPO
C411	065G0402100 31	CAP 0402 10PF J 50V NPO
C602	065G0402103 22	CHIP 0.01UF 25V X7R
C201	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C204	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C205	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C206	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C209	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C210	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C315	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C403	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C406	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C410	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C501	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C503	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C506	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C507	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C603	065G0402104 15	MLCC 0402 0.1UF K 16V X5R
C412	065G0402105 A5	CAP 0402 1UF K 10V X5R
C402	065G0402105 A5	CAP 0402 1UF K 10V X5R
C404	065G0402224 17	CAP CER 0.22UF -20%-80%
C302	065G0402330 31	CHIP CAP 0402 33PF J 50V NPO
C303	065G0402330 31	CHIP CAP 0402 33PF J 50V NPO
C311	065G0402473 12	CHIP 0.047UF 16V X7R
C309	065G0402473 12	CHIP 0.047UF 16V X7R
C307	065G0402473 12	CHIP 0.047UF 16V X7R
C306	065G0402473 12	CHIP 0.047UF 16V X7R
C304	065G0402473 12	CHIP 0.047UF 16V X7R
C301	065G0402473 12	CHIP 0.047UF 16V X7R
C305	065G0402509 31	CHIP 5PF 50V NPO
C308	065G0402509 31	CHIP 5PF 50V NPO
C310	065G0402509 31	CHIP 5PF 50V NPO
FB201	071G 56K121 M	CHIP BEAD
FB502	071G 56K121 M	CHIP BEAD

FB503	071G 56K121 M	CHIP BEAD
FB601	071G 56K121 M	CHIP BEAD
FB301	071G 59K190 B	19 OHM BEAD
FB302	071G 59K190 B	19 OHM BEAD
FB303	071G 59K190 B	19 OHM BEAD
D301	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D302	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D303	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D402	093G 64 42 PP	BAV70 SOT-23
ZD307	093G 39S 34 T	UDZSNP5.6B ROHM
ZD305	093G 39S 34 T	UDZSNP5.6B ROHM
ZD304	093G 39S 34 T	UDZSNP5.6B ROHM
ZD303	093G 39S 34 T	UDZSNP5.6B ROHM
ZD302	093G 39S 34 T	UDZSNP5.6B ROHM
ZD301	093G 39S 34 T	UDZSNP5.6B ROHM
	715G2498 2 K	MAIN BOARD PCB
Q002	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q001	057G 417 4	PMBS3904/PHILIPS-SMT(04)
R002	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R004	061G0603102	RST CHIPR 1K OHM +-5% 1/10W
R003	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W
R001	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W
R005	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W
R006	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W
SW002	077G 605 1 AL GP	SMD SWITCH
SW003	077G 605 1 AL GP	SMD SWITCH
SW004	077G 605 1 AL GP	SMD SWITCH
SW001	077G 605 1 AL GP	SMD SWITCH
ZD006	093G 64 59 SU	ESD MLVS0603M04 0603
ZD007	093G 64 59 SU	ESD MLVS0603M04 0603
ZD008	093G 64 59 SU	ESD MLVS0603M04 0603
	715G2834 1	KEY BOARD PCB
Q901	057G 724 11	STP9NK65ZFP
HS3	090G6263 1	HEAT SINK
	0M1G1730 8120	SCREW
HS4	090G6084 1 GP	HEAT SINK
D905	093G 60257	DIODE SB1060FCT ITO-220AB BY PAN JIT
	0M1G1730 8120	SCREW
R908	061G152M10458F	100K OHM 5% 2W
	096G 29 8	TUBE

D906	093G 60267	SP10100
	0M1G1730 8120	SCREW
HS2	Q90G6263 2	HEAT SINK
IC801	056G 379 22	IC TL494IDR SOIC-16
IC901	056G 379 76	IC LD7552BPS SOP-8
Q801	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q806	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q811	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q903	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q804	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q812	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q809	057G 759 2	RK7002
Q810	057G 759 2	RK7002
Q808	057G 760 4B	PDTA144WK SOT346
Q805	057G 760 5B	PDTA144WK SOT346
Q802	057G 763 14	AM9945N
R823	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R801	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R808	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R814	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R818	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R824	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R827	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R926	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R942	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R807	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R817	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R820	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R828	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R832	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R863	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W
R813	061G0603102	RST CHIPR 1K OHM +-5% 1/10W
R105	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R104	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R103	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R102	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R101	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R835	061G0603105	RST CHIPR 1M OHM +-5% 1/10W
R862	061G0603105	RST CHIPR 1M OHM +-5% 1/10W
R803	061G0603106	RST CHIPR 10M OHM +-5% 1/10W

R930	061G0603243 1F	RST CHIPR 2.43K OHM +-1% 1/10W
R940	061G0603330 2F	RST CHIPR 33K OHM +-1% 1/10W
R927	061G0603360 1F	RST CHIPR 3.6K OHM +-1% 1/10W
R811	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W
R851	061G0603510 1F	RST CHIPR 5.1K OHM +-1% 1/10W
R107	061G0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R106	061G0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R841	061G0603680 2F	RST CHIPR 68K OHM +-1% 1/10W
R853	061G0603683	RST CHIPR 68K OHM +-5% 1/10W
R802	061G0603910 2F	RST CHIPR 91K OHM +-1% 1/10W
R857	061G0805000	RST CHIPR 0 OHM +-5% 1/8W
R831	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W
R915	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W
R804	061G0805101	RST CHIPR 100 OHM +-5% 1/8W
R826	061G0805102	RST CHIPR 1K OHM +-5% 1/8W
R925	061G0805102	RST CHIPR 1K OHM +-5% 1/8W
R943	061G0805102	RST CHIPR 1K OHM +-5% 1/8W
R938	061G0805103	RST CHIPR 10K OHM +-5% 1/8W
R924	061G0805151	RST CHIPR 150 OHM +-5% 1/8W
R850	061G0805220	RST CHIPR 22 OHM +-1% 1/8W
R839	061G0805220	RST CHIPR 22 OHM +-1% 1/8W
R829	061G0805220	RST CHIPR 22 OHM +-1% 1/8W
R825	061G0805220	RST CHIPR 22 OHM +-1% 1/8W
R837	061G0805473	RST CHIPR 47K OHM +-5% 1/8W
R810	061G0805510 2F	RST CHIPR 51K OHM +-1% 1/8W
F801	061G1206000	RST CHIPR 0 OHM +-5% 1/4W
JR801	061G1206000	RST CHIPR 0 OHM +-5% 1/4W
JR901	061G1206000	RST CHIPR 0 OHM +-5% 1/4W
JR902	061G1206000	RST CHIPR 0 OHM +-5% 1/4W
R910	061G1206100	RST CHIPR 10 OHM +-5% 1/4W
R821	061G1206100 1F	RST CHIPR 1K OHM +-1% 1/4W
R822	061G1206100 1F	RST CHIPR 1K OHM +-1% 1/4W
R962	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R961	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R935	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R920	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R919	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R918	061G1206101	RST CHIPR 100 OHM +-5% 1/4W
R941	061G1206102	RST CHIPR 1K OHM +-5% 1/4W
R944	061G1206102	RST CHIPR 1K OHM +-5% 1/4W

R945	061G1206102	RST CHIPR 1K OHM +-5% 1/4W
R946	061G1206102	RST CHIPR 1K OHM +-5% 1/4W
R108	061G1206109	RST CHIPR 1 OHM +-5% 1/4W
R912	061G1206221	RST CHIPR 220 OHM +-5% 1/4W
R904	061G1206304	RST CHIPR 300K OHM +-5% 1/4W
R932	061G1206304	RST CHIPR 300K OHM +-5% 1/4W
R933	061G1206304	RST CHIPR 300K OHM +-5% 1/4W
R855	061G1206330	RST CHIPR 33 OHM +-5% 1/4W
R856	061G1206330	RST CHIPR 33 OHM +-5% 1/4W
R909	061G1206519	RST CHIPR 5.1 OHM +-5% 1/4W
R900	061G1206684	RST CHIPR 680K OHM +-5% 1/4W
R901	061G1206684	RST CHIPR 680K OHM +-5% 1/4W
R902	061G1206684	RST CHIPR 680K OHM +-5% 1/4W
C110	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R
C111	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R
C842	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R
C807	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R
C821	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R
C825	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R
C834	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R
C819	065G0603222 22	CHIP 2200PF 25V X7R
C823	065G0603222 22	CHIP 2200PF 25V X7R
C101	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C102	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C103	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C105	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C106	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C107	065G0603474 12	MLCC 0603 0.47UF K 16V X7R
C932	065G0805102 31	CAP CHIP 0805 1000PF J 50V NPO
C839	065G0805102 31	CAP CHIP 0805 1000PF J 50V NPO
C838	065G0805102 31	CAP CHIP 0805 1000PF J 50V NPO
C928	065G0805103 32	CAP CHIP 0805 10NF K 50V X7R
C824	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R
C905	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R
C916	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R
C924	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R
C930	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R
C845	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R
C109	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R
C822	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R

C820	065G0805221 31	CAP CHIP 0805 220PF J 50V NPO
C909	065G0805471 21	CAP CHIP 0805 470PF J 25V NPO
C912	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R
C929	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R
D805	093G 6432S	IN4148W
D806	093G 6432S	IN4148W
D807	093G 6432S	IN4148W
D812	093G 6432S	IN4148W
D814	093G 6432S	IN4148W
D817	093G 6432S	IN4148W
D903	093G 6432S	IN4148W
D915	093G 6432S	IN4148W
D916	093G 6432S	IN4148W
D813	093G 6432S	IN4148W
D801	093G 6433P	BAV99
D802	093G 6433P	BAV99
ZD801	093G 39S 10 T	RLZ6.8B BY ROHM
ZD906	093G 39S 20 T	RLZ22B LLDS
ZD922	093G 39S 25 T	RLZ5.1B LLDS
ZD902	093G 39S 40 T	RLZ 13B LLDS
ZD921	093G 39S 40 T	RLZ 13B LLDS
ZD905	093G 39S 44 T	RLZ18B LLDS
CN901	006G 31500	EYELET
NR901	006G 31502	1.5MM RIVET
T901	006G 31502	1.5MM RIVET
IC904	056G 158 10 T	IC AZ431AZ-AE1 TO-92 BY AAC
C906	065G 2K152 1T GP	CERAMIC CAP
C104	067G215Y1014KT	EC CAP.105
C108	067G215Y1097NT	EC 1.0UF 50V KY50VB1M-TP5 5*11MM
C908	067G215Y2207KT	CAP 105°C 22UF M 50V KINGNICH
FB801	071G 55 9 T	FERRITE BEAD
FB102	071G 55 9 T	FERRITE BEAD
FB901	071G 55 29	FERRITE BEAD
F901	084G 55 7W	FUSE 3.15A 250V WICKMANN
F903	084G 56 4W	FUSE 4.0A 250V
D900	093G 6026T52T	RECTIFIER DIODE FR107
D901	093G 6038T52T	FR103
	715G2545 2	POWER BOARD PCB

12. Different Parts List

Diversity of T77HRDNQBWA16N Compared with T77HRDNQBWA15N		
Location	Location	Location
007G 5 1 A	COMPOUND PALLET	
007G 5 10 1	COMPOUND PALLET	
CBPC8SRDA1Q3	MAIN BOARD	
KEPC8QK7	KEPC BOARD	
Q44G 10 1	BIG CARTON FOR IC	
Q44G 10 2	CORNER PAPER FOR CKD	

Diversity of T77HRDNQBWA25N Compared with T77HRDNQBWA15N		
Location	Location	Location
Q40G 17N61585A	RATING LABEL	
Q41G780A61566A	WARRANTY CARD	

Diversity of T77HRDNQBWA26N Compared with T77HRDNQBWA15N		
Location	Location	Location
007G 5 1 A	COMPOUND PALLET	
007G 5 10 1	COMPOUND PALLET	
CBPC8SRDA1Q3	MAIN BOARD	
KEPC8QK7	KEPC BOARD	
Q40G 17N61585A	RATING LABEL	
Q41G780A61566A	WARRANTY CARD	
Q44G 10 1	BIG CARTON FOR IC	
Q44G 10 2	CORNER PAPER FOR CKD	